

# Converting Colors

HunterLab(72.7780, -22.8482,  
-12.8962)

Have a look what the booklet for  
HunterLab(72.7780, -22.8482,  
-12.8962) contains.

<b>HunterLab(72.6343, -22.6944, -13.2053)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(72.6343,  
-22.6944, -13.2053)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74CDE0
RGB	116, 205, 224
RGB Percent	45%, 80%, 88%
CMY	0.5451, 0.1961, 0.1216
CMYK	0.48, 0.08, 0.00, 0.12
HSL	191°, 64%, 67%
HSV	191°, 48%, 88%
XYZ	42.4883, 52.7574, 78.4648
YIQ	180.5550, -59.1430, -12.9590

# Conversions

## Conversions Part 2

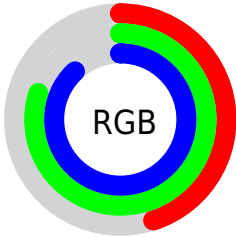
Format	Color
R <sub>YB</sub>	116, 165, 224
Decimal	7654880
CIE Lab	77.73, -21.71, -17.70
CIE LCh	78, 28.010, 219.196
Yxy	52.7594, 0.2446, 0.3037
Android (android.graphics.Color)	4285844960 (0xFF74CDE0)
YUV	180.5550, 21.4184, -56.6147
Hunter-Lab	72.6343, -22.6944, -13.2053

# Details

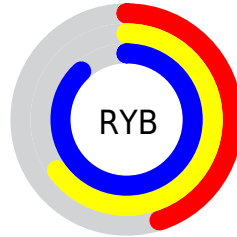
The HunterLab color **72.6343, -22.6944, -13.2053** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **58.6832, 26.7548, 19.9335**, and the grayscale version is **67.7226, -3.6135, 3.6795**.

A 20% lighter version of the original color is **93.6689, -28.1135, -2.6581**, and **50.8036, -19.3257, -12.8397** is the 20% darker color. If you saturate the color by 10%, you get **70.3870, -24.4474, -16.4595**, and if you desaturate by 10%, it is **75.0953, -20.1987, -9.7594**.

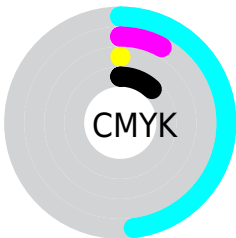
# Distribution



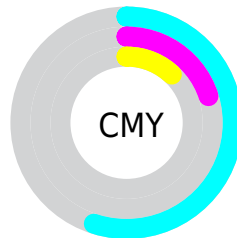
- Red (45%)
- Green (80%)
- Blue (88%)



- Red (45%)
- Yellow (65%)
- Blue (88%)



- Cyan (48%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (55%)
- Magenta (20%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.6343, -22.6944, -13.2053 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 72.6343, -22.6944, -13.2053 by changing the saturation by 10% instead.



■ 72.6343, -22.6944,  
-13.2053

■ 72.6343, -22.6944,  
-13.2053

199.3393,  
-37.7016, -11.9502

■ 61.3276, -20.9430,  
-13.0838

■ 97.0826, -26.1109,  
-13.2668

■ 50.6762, -19.1480,  
-12.8989

■ 110.1641,  
-27.7895, -13.2165

■ 40.7246, -17.2940,  
-12.6456

■ 123.7855,  
-29.4553, -13.1161

■ 31.5262, -15.3576,  
-12.3214

137.9262,  
-31.1122, -12.9683

■ 23.1485, -13.3018,  
-11.9291

152.5677,  
-32.7630, -12.7758

■ 15.6816, -11.0632,  
-11.4888

167.6935,

■ 9.2524, -10.7175,

-34.4102, -12.5406

-11.0920

183.2886,  
-36.0559, -12.2648

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 72.6343, -22.6944,  
-13.2053

■ 72.6343, -22.6944,  
-13.2053

■ 70.3870, -24.4474,  
-16.4595

■ 75.0953, -20.1987,  
-9.7594

■ 68.3501, -25.4339,  
-19.5022

■ 77.7618, -16.9975,  
-6.1510

■ 66.5210, -25.6547,  
-22.3152

■ 80.6286, -13.1400,  
-2.4051

■ 64.8892, -25.1419,  
-24.8925


■ 83.6876, -8.6803,  
1.4535


■ 63.4285, -23.9939,

■ 86.9299, -3.6743,


-27.2563


5.4025

 63.1754, -23.7602,  
-27.6723

 90.3459, 1.8229,  
9.4222

 92.0249, 1.3410,  
11.2928

 93.2399, -0.7465,  
12.5969

 94.4657, -2.8255,  
13.8978

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6357, -27.4886, -0.0516



72.6343, -22.6944, -13.2053



72.6357, -12.7605, -22.7303

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6357, -22.6948, -13.2041



72.6357, 21.6661, -5.2500



72.6357, -7.9303, 24.1389

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.6343, -22.6944, -13.2053



58.6832, 26.7548, 19.9335

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6357, 5.4497, 23.2523



72.6343, -22.6944, -13.2053



72.6357, 23.1926, 7.7432

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6357, -22.6948, -13.2041



72.6357, 13.0383, -17.5934



72.6357, 17.0702, 17.7361



72.6357, -19.3780, 20.4248



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6343, -22.6944, -13.2053



72.6357, -4.2389, -24.8945



72.6357, 17.0702, 17.7361



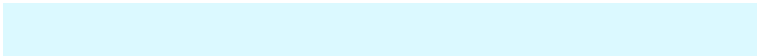
72.6357, -3.5195, 24.3520

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.6357, -22.6948, -13.2041



94.8182, -13.1764, -0.9625



76.6464, -45.2555, 28.9888



43.5153, -6.6023, -0.8924

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6357, -22.6948, -13.2041



81.4745, -28.3487, -19.1393



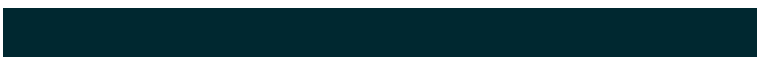
56.1719, 3.0267, -39.7707



38.9109, -4.3259, 0.4542



48.3558, -18.3378, -20.8546



13.1522, -5.3842, -4.8163



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.2252, 49.6006, -23.7135



61.1984, 69.7991, -32.8727



72.8533, -0.3873, 31.4370



37.2721, 2.7127, -0.5548



33.5687, 63.5770, -25.5147

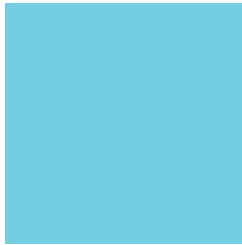


8.8999, 16.9571, -7.5494



# Previews

## White Background



This preview shows how the HunterLab color 72.6343, -22.6944, -13.2053 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

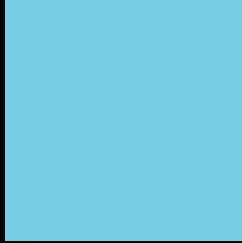
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.6343, -22.6944, -13.2053 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

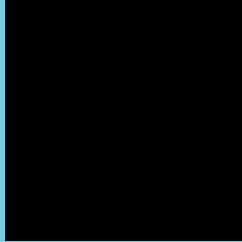
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 72.6343, -22.6944, -13.2053 Background



This preview shows how black text looks on a background with the HunterLab color 72.6343, -22.6944, -13.2053.



This preview shows how white text looks on a background with the HunterLab color 72.6343, -22.6944, -13.2053.

-22.6944, -13.2053.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

72.6343, -22.6944, -13.2053

### Protanopia

72.3694, -0.1389, -7.5292

### Deuteranopia

72.3523, 5.4030, -15.4698



## Tritanopia

72.5130, -23.2969, -12.2309

# Trichromacy



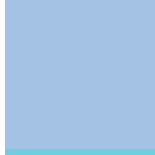
## Original Color

72.6343, -22.6944, -13.2053



## Protanomaly

71.9538, -9.1493, -10.4782



## Deuteranomaly

72.1264, -6.2745, -15.4053



## Tritanomaly

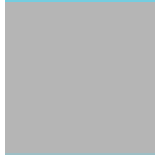
72.5501, -23.0839, -12.7514

# Monochromacy



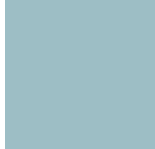
## Original Color

72.6343, -22.6944, -13.2053



## Achromatopsia

67.9762, -3.6270, 3.6933



## Achromatomaly

69.3010, -12.0760, -2.7011

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.6343, -22.6944, -13.2053 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(116, 205, 224)` looks like.

```
.text, #text, p{  
    color:rgb(116, 205, 224)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(116, 205, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 205, 224) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.6343, -22.6944, -13.2053 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 205, 224) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(116, 205, 224) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(116, 205, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 205, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 205, 224); box-shadow:4px 4px 4px 4px rgb(116, 205, 224) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.6343, -22.6944, -13.2053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 205, 224) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(116,  
205, 224) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor