

# Converting Colors

HunterLab(73.2491, -2.1776,  
-21.4413)

Have a look what the booklet for  
HunterLab(73.2491, -2.1776,  
-21.4413) contains.

<b>HunterLab(73.3945, -2.4089, -21.4125)</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(73.3945, -2.4089,  
-21.4125)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AAC3F0
RGB	170, 195, 240
RGB Percent	67%, 76%, 94%
CMY	0.3333, 0.2353, 0.0588
CMYK	0.29, 0.19, 0.00, 0.06
HSL	219°, 70%, 80%
HSV	219°, 29%, 94%
XYZ	51.8208, 53.8675, 90.1043
YIQ	192.6550, -29.3450, 8.6950

# Conversions

## Conversions Part 2

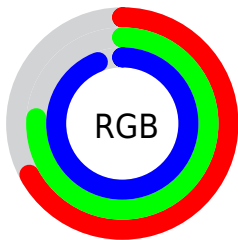
Format	Color
<a href="#">RYB</a>	<a href="#">170, 188, 240</a>
Decimal	<a href="#">11191280</a>
CIELab	<a href="#">78.39, 1.64, -25.04</a>
CIELCh	<a href="#">78, 25.090, 273.744</a>
Yxy	<a href="#">53.8697, 0.2647, 0.2751</a>
Android (android.graphics.Color)	<a href="#">4289381360</a> ( <a href="#">0xFFAAC3F0</a> )
YUV	<a href="#">192.6550, 23.3411, -19.8684</a>
Hunter-Lab	<a href="#">73.3945, -2.4089, -21.4125</a>

# Details

The HunterLab color  $73.3945, -2.4089, -21.4125$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $83.6833, -2.4823, 24.5762$ , and the grayscale version is  $72.7944, -3.8841, 3.9551$ .

A 20% lighter version of the original color is  $96.1161, -12.3693, 0.6502$ , and  $51.2088, -1.1510, -20.9691$  is the 20% darker color. If you saturate the color by 10%, you get  $66.9881, -0.4676, -31.6958$ , and if you desaturate by 10%, it is  $80.0424, -3.7486, -11.8091$ .

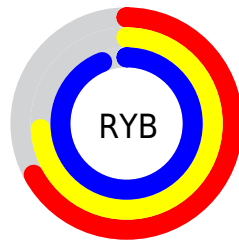
# Distribution



Red (67%)

Green (76%)

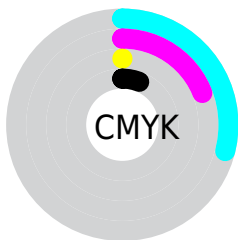
Blue (94%)



Red (67%)

Yellow (74%)

Blue (94%)

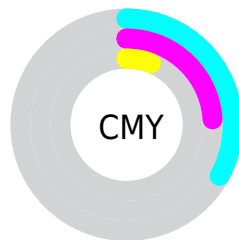


Cyan (29%)

Magenta (19%)

Yellow (0%)

Black (6%)



Cyan (33%)

Magenta (24%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.3945, -2.4089, -21.4125 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 73.3945, -2.4089, -21.4125 by changing the saturation by 10% instead.



■ 73.3945, -2.4089,  
-21.4125

■ 73.3945, -2.4089,  
-21.4125

200.4028, -8.5968,  
-22.1281

■ 62.0463, -1.8851,  
-21.0633

■ 97.9198, -3.5684,  
-21.9304

■ 51.3508, -1.4004,  
-20.6558

111.0372, -4.1984,  
-22.1060

■ 41.3520, -0.9588,  
-20.1913

124.6931, -4.8599,  
-22.2287

■ 32.1026, -0.5647,  
-19.6799

138.8670, -5.5515,  
-22.3009

■ 23.6689, -0.2237,  
-19.1499

153.5407, -6.2721,  
-22.3249

■ 16.1391, 0.0561,  
-18.6803

168.6976, -7.0204,

■ 9.6386, 0.2618,

-22.3028

-18.5245

184.3229, -7.7956,  
-22.2366

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 73.3945, -2.4089,  
-21.4125

■ 73.3945, -2.4089,  
-21.4125

■ 66.9881, -0.4676,  
-31.6958

■ 80.0424, -3.7486,  
-11.8091

■ 60.8546, 2.1997,  
-42.7826

■ 86.8988, -4.5851,  
-2.7808

■ 55.0403, 5.7351,  
-54.7882

■ 93.9418, -5.0011,  
5.7687

■ 49.6006, 10.2933,  
-67.7995

■ 99.5346, -7.8915,  
12.0879

■ 44.6028, 16.0165,

-81.8207

■ 40.1241, 22.9770,  
-96.6908

■ 36.2239, 31.0331,  
-112.0689

■ 35.9197, 31.7276,  
-113.3872

# Harmonies

## Analogous

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



73.3960, -13.8365, -18.5025



73.3945, -2.4089, -21.4125



73.3960, 9.3207, -16.6647

# Triad

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



73.3960, -2.4097, -21.4110



73.3960, 16.2362, 15.1562



73.3960, -23.4600, 13.0441

# Complementary

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



73.3945, -2.4089, -21.4125



83.6833, -2.4823, 24.5762

# 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.



73.3960, -16.2842, 19.9823



73.3945, -2.4089, -21.4125



73.3960, 6.5523, 21.0574

# Square

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



73.3960, -2.4097, -21.4110



73.3960, 20.5129, 5.4118



73.3960, -5.4184, 22.6722



73.3960, -25.5237, 2.5496



# Rectangle

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



73.3945, -2.4089, -21.4125



73.3960, 15.5969, -10.1835



73.3960, -5.4184, 22.6722



73.3960, -21.5894, 15.8102

# Sweetspot

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



73.3960, -2.4097, -21.4110



93.1933, -4.9208, -2.8508



87.0284, -29.4024, 9.6173



42.6132, -2.2304, -1.9558

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.3960, -2.4097, -21.4110



74.5102, -1.4297, -29.3943



66.8324, 13.3060, -31.7205



40.1903, -2.1170, -1.4154



27.0017, 22.3798, -82.0612



8.8776, 3.9088, -19.5342



# Inverse Universe

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



71.5656, 24.8162, 1.7572



72.4580, 33.2785, 1.6985



90.6405, -18.2786, 30.6549



39.8147, 2.0835, 1.6793



32.4490, 56.7667, 11.6905

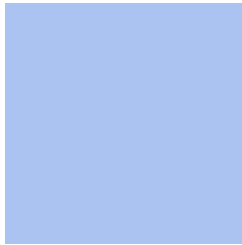


9.4566, 16.7302, 1.9598



# Previews

## White Background



This preview shows how the HunterLab color 73.3945, -2.4089, -21.4125 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

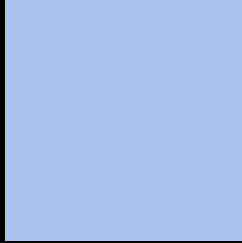
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 73.3945, -2.4089, -21.4125 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

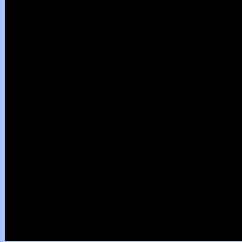
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

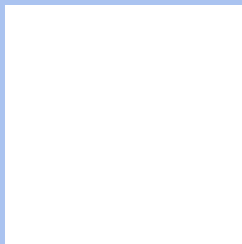
Any Text WCAG AAA ✓ Pass

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

## HunterLab 73.3945, -2.4089, -21.4125 Background



This preview shows how black text looks on a background with the HunterLab color 73.3945, -2.4089, -21.4125.



This preview shows how white text looks on a background with the HunterLab color 73.3945, -2.4089, -21.4125.

-21.4125.

# 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

73.3945, -2.4089, -21.4125

### Protanopia

73.4436, 2.2572, -20.0054

### Deuteranopia

73.3956, 5.3913, -21.9051



## Tritanopia

73.3161, -10.9372, -7.0051

# Trichromacy



## Original Color

73.3945, -2.4089, -21.4125

## Protanomaly

73.3736, 0.5566, -20.7647

## Deuteranomaly

73.3988, 2.3476, -21.9535

## Tritanomaly

73.4748, -8.1190, -11.7738

# Monochromacy



## Original Color

73.3945, -2.4089, -21.4125

## Achromatopsia

73.0258, -3.8965, 3.9676

## Achromatomaly

73.1786, -3.8266, -4.3755

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.3945, -2.4089, -21.4125 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(170, 195, 240)` looks like.

```
.text, #text, p{  
    color:rgb(170, 195, 240)  
}
```

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(170, 195, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 195, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.3945, -2.4089, -21.4125 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(170, 195, 240) }
```



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

```
.border{ border-color:rgb(170, 195, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 195, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 195, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 195, 240); box-shadow:4px 4px 4px 4px rgb(170, 195, 240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.3945, -2.4089, -21.4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 195, 240) }
```

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

```
.background{ background-color: rgb(170,  
195, 240) }
```

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