

# Converting Colors

HunterLab(75.4375, -2.6406,  
-22.7221)

Have a look what the booklet for  
HunterLab(75.4375, -2.6406,  
-22.7221) contains.

<b>HunterLab(75.4375, -2.6406, -22.7221)</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(75.4375, -2.6406,  
-22.7221)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADC8F7
RGB	173, 200, 247
RGB Percent	68%, 78%, 97%
CMY	0.3216, 0.2157, 0.0314
CMYK	0.30, 0.19, 0.00, 0.03
HSL	218°, 82%, 82%
HSV	218°, 30%, 97%
XYZ	54.6763, 56.9082, 96.0983
YIQ	197.2850, -31.1790, 8.8930

# Conversions

## Conversions Part 2

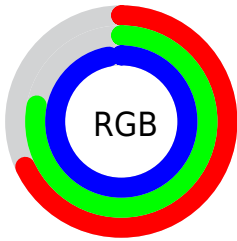
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	173, 193, 247
Decimal	11389175
CIE Lab	80.13, 1.49, -26.11
CIE LCh	80, 26.148, 273.272
Yxy	56.9104, 0.2633, 0.2740
Android (android.graphics.Color)	4289579255 (0xFFADC8F7)
YUV	197.2850, 24.5095, -21.2979
Hunter-Lab	75.4375, -2.6406, -22.7221

# Details

The HunterLab color  $75.4375, -2.6406, -22.7221$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $86.0107, -2.1441, 25.7078$ , and the grayscale version is  $74.7534, -3.9887, 4.0615$ .

A 20% lighter version of the original color is  $97.7563, -13.2311, 2.6250$ , and  $53.1425, -1.3333, -22.2692$  is the 20% darker color. If you saturate the color by 10%, you get  $68.8856, -0.6715, -33.3038$ , and if you desaturate by 10%, it is  $82.2403, -3.9771, -12.8335$ .

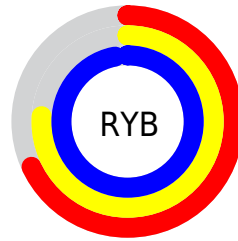
# Distribution



Red (68%)

Green (78%)

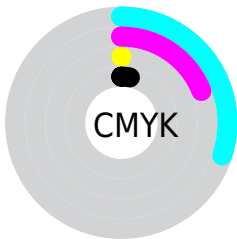
Blue (97%)



Red (68%)

Yellow (76%)

Blue (97%)

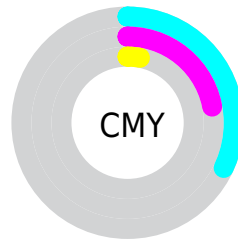


Cyan (30%)

Magenta (19%)

Yellow (0%)

Black (3%)



Cyan (32%)

Magenta (22%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.4375, -2.6406, -22.7221 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 75.4375, -2.6406, -22.7221 by changing the saturation by 10% instead.



■ 75.4375, -2.6406,  
-22.7221

■ 75.4375, -2.6406,  
-22.7221

203.2519, -8.9281,  
-23.6330

■ 63.9791, -2.1030,  
-22.3533

■ 100.1671, -3.8256,  
-23.2816

■ 53.1667, -1.6035,  
-21.9277

113.3800, -4.4674,  
-23.4788

■ 43.0430, -1.1460,  
-21.4471

127.1276, -5.1402,  
-23.6233

■ 33.6586, -0.7345,  
-20.9220

141.3899, -5.8428,  
-23.7175

■ 25.0771, -0.3742,  
-20.3808

156.1490, -6.5738,  
-23.7636

■ 17.3820, -0.0725,  
-19.8997

171.3886, -7.3323,

■ 10.6906, 0.1596,

-23.7636

-19.7106

187.0940, -8.1174,  
-23.7194

1.1959, 5.3737,  
-104.9123

0.0000, NaN, -NF

75.4375, -2.6406,  
-22.7221

75.4375, -2.6406,  
-22.7221

68.8856, -0.6715,  
-33.3038

82.2403, -3.9771,  
-12.8335

62.6171, 2.0593,  
-44.7006

89.2597, -4.7836,  
-3.5333

56.6797, 5.6981,  
-57.0237

96.4731, -5.1466,  
5.2756

51.1302, 10.4028,  
-70.3518

99.7474, -6.7212,  
9.0409

■ 46.0367, 16.3153,  
-84.6764

■ 41.4762, 23.5018,  
-99.8220

■ 37.4977, 31.7856,  
-115.4749

■ 37.4821, 31.8209,  
-115.5416

# Harmonies

## Analogous

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



75.4390, -14.6207, -19.5175



75.4375, -2.6406, -22.7221



75.4390, 9.7293, -17.8187

# Triad

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



75.4390, -2.6414, -22.7206



75.4390, 17.3169, 15.6887



75.4390, -24.4738, 13.7550

# Complementary

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



75.4375, -2.6406, -22.7221



86.0107, -2.1441, 25.7078

# 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.



75.4390, -16.8674, 20.9475



75.4375, -2.6406, -22.7221



75.4390, 7.1808, 21.9286

# Square

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



75.4390, -2.6414, -22.7206



75.4390, 21.7177, 5.4100



75.4390, -5.4072, 23.6842



75.4390, -26.7281, 2.7790



# Rectangle

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



75.4375, -2.6406, -22.7221



75.4390, 16.3897, -11.0192



75.4390, -5.4072, 23.6842



75.4390, -22.4838, 16.6310

# Sweetspot

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



75.4390, -2.6414, -22.7206



93.2493, -5.0139, -2.7817



89.7593, -31.0054, 10.1011



42.6433, -2.2803, -1.9182

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.4390, -2.6414, -22.7206



74.0421, -1.5785, -30.1615



68.3046, 14.3469, -34.0430



41.1299, -2.2082, -1.4242



27.7064, 22.0040, -82.1308



9.2914, 4.0261, -20.3046



# Inverse Universe

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



73.3711, 26.6411, 1.5188



71.7933, 34.5195, 1.3699



93.5774, -19.2199, 32.2752



40.7216, 2.1554, 1.6785



32.9762, 57.7355, 11.5200

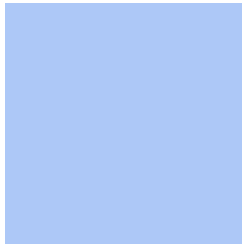


9.8731, 17.4716, 2.0114



# Previews

## White Background



This preview shows how the HunterLab color 75.4375, -2.6406, -22.7221 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

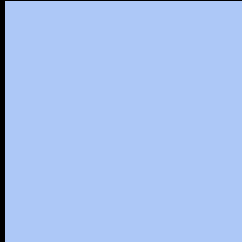
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.4375, -2.6406, -22.7221 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

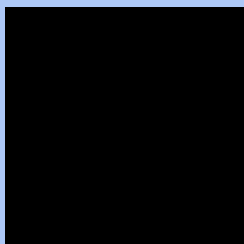
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

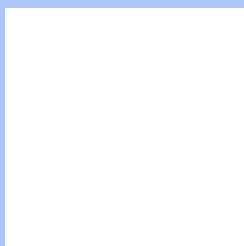
Any Text WCAG AAA ✓ Pass

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

## HunterLab 75.4375, -2.6406, -22.7221 Background



This preview shows how black text looks on a background with the HunterLab color 75.4375, -2.6406, -22.7221.



This preview shows how white text looks on a background with the HunterLab color 75.4375, -2.6406,

-22.7221.

# 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

75.4375, -2.6406, -22.7221

### Protanopia

75.2172, 2.6000, -21.0707

### Deuteranopia

75.2113, 5.9691, -23.5583



## Tritanopia

75.5636, -12.1897, -7.3258

# Trichromacy



## Original Color

75.4375, -2.6406, -22.7221

## Protanomaly

75.1466, 0.8936, -21.8373

## Deuteranomaly

75.2140, 2.9157, -23.6075

## Tritanomaly

75.4056, -8.8630, -12.5539

# Monochromacy



## Original Color

75.4375, -2.6406, -22.7221

## Achromatopsia

74.7222, -3.9870, 4.0598

## Achromatomaly

74.8237, -4.0298, -4.9077

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.4375, -2.6406, -22.7221 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(173, 200, 247)` looks like.

```
.text, #text, p{  
    color:rgb(173, 200, 247)  
}
```

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(173, 200, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 200, 247) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.4375, -2.6406, -22.7221 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(173, 200, 247) }
```



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

```
.border{ border-color:rgb(173, 200, 247) }
```

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

Here you see how a box with a 4 pixel rgb(173, 200, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 200, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 200, 247);  
box-shadow:4px 4px 4px 4px rgb(173, 200,  
247) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.4375, -2.6406, -22.7221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 200, 247) }
```

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

```
.background{ background-color: rgb(173,  
200, 247) }
```

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