

# Converting Colors

HunterLab(81.6542, -5.2092,  
-11.3462)

Have a look what the booklet for  
HunterLab(81.6542, -5.2092,  
-11.3462) contains.

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# Color

**HunterLab(81.6542, -5.2092,  
-11.3462)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3D7F3
RGB	195, 215, 243
RGB Percent	76%, 84%, 95%
CMY	0.2353, 0.1568, 0.0471
CMYK	0.20, 0.12, 0.00, 0.05
HSL	215°, 67%, 86%
HSV	215°, 20%, 95%
XYZ	62.9838, 66.6741, 94.3439
YIQ	212.2120, -20.9080, 4.4680

# Conversions

## Conversions Part 2

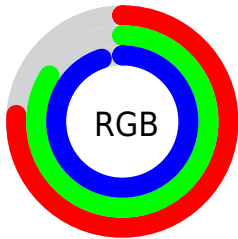
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 209, 243
Decimal	12834803
CIE Lab	85.34, -0.89, -15.95
CIE LCh	85, 15.971, 266.790
Yxy	66.6768, 0.2812, 0.2977
Android (android.graphics.Color)	4291024883 (0xFFC3D7F3)
YUV	212.2120, 15.1785, -15.0949
Hunter-Lab	81.6542, -5.2092, -11.3462

# Details

The HunterLab color  $81.6542, -5.2092, -11.3462$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $87.0462, -2.2224, 18.4307$ , and the grayscale version is  $81.1763, -4.3314, 4.4105$ .

A 20% lighter version of the original color is  $99.7173, -6.3204, 5.0828$ , and  $58.6449, -3.6308, -11.4578$  is the 20% darker color. If you saturate the color by 10%, you get  $75.3592, -4.5517, -20.3576$ , and if you desaturate by 10%, it is  $88.1565, -5.3467, -2.8014$ .

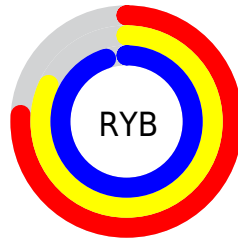
# Distribution



Red (76%)

Green (84%)

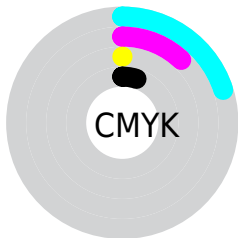
Blue (95%)



Red (76%)

Yellow (82%)

Blue (95%)

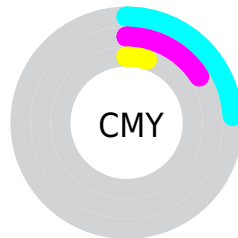


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (16%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.6542, -5.2092, -11.3462 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 81.6542, -5.2092, -11.3462 by changing the saturation by 10% instead.



■ 81.6542, -5.2092,  
-11.3462

■ 81.6542, -5.2092,  
-11.3462

211.8475,  
-12.4830, -9.2737

■ 69.8728, -4.5380,  
-11.3325

106.9847, -6.6437,  
-11.2032

■ 58.7182, -3.8966,  
-11.2596

120.4789, -7.4021,  
-11.0563

■ 48.2300, -3.2879,  
-11.1215

134.4971, -8.1871,  
-10.8628

■ 38.4533, -2.7136,  
-10.9133

149.0204, -8.9978,  
-10.6250

■ 29.4444, -2.1759,  
-10.6313

164.0318, -9.8334,  
-10.3454

■ 21.2753, -1.6771,  
-10.2758

179.5159,

■ 14.0434, -1.2202,

-10.6932, -10.0257

-9.8629

195.4588,  
-11.5766, -9.6680

■ 7.6891, -0.9175,  
-10.0128

0.0000, NaN, -NF

■ 81.6542, -5.2092,  
-11.3462

■ 81.6542, -5.2092,  
-11.3462

■ 75.3592, -4.5517,  
-20.3576

■ 88.1565, -5.3467,  
-2.8014

■ 69.2923, -3.2758,  
-29.9148

■ 94.8396, -5.0390,  
5.3409

■ 63.4865, -1.2711,  
-40.0923

■ 99.6249, -7.3947,  
10.7945

■ 57.9794, 1.5893,  
-50.9575

■ 52.8155, 5.4400,  
-62.5500

■ 48.0459, 10.4035,  
-74.8518

■ 43.7246, 16.5489,  
-87.7486

■ 39.8773, 23.7630,  
-101.0862

■ 39.7865, 23.9481,  
-101.4268

# Harmonies

## Analogous

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



81.6559, -12.5185, -8.5977



81.6542, -5.2092, -11.3462



81.6559, 2.6010, -9.5402

# Triad

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



81.6559, -5.2105, -11.3447



81.6559, 9.6506, 10.6952



81.6559, -16.6899, 11.9722

# Complementary

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



81.6542, -5.2092, -11.3462



87.0462, -2.2224, 18.4307

# 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.



81.6559, -11.0980, 16.3240



81.6542, -5.2092, -11.3462



81.6559, 4.1292, 15.6374

# Square

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



81.6559, -5.2105, -11.3447



81.6559, 11.3708, 3.6311



81.6559, -3.5087, 17.6000



81.6559, -18.9858, 5.2501



# Rectangle

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



81.6542, -5.2092, -11.3462



81.6559, 7.0116, -6.0845



81.6559, -3.5087, 17.6000



81.6559, -15.1440, 13.7353

# Sweetspot

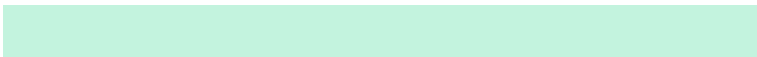
The Sweet Spot groups the original color and five complimentary colors.



81.6559, -5.2105, -11.3447



95.7342, -5.5771, 0.3010



89.9941, -23.0716, 9.4271



44.0780, -2.5880, -0.1231

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



81.6559, -5.2105, -11.3447



83.3572, -5.2770, -16.0203



75.8524, 6.1844, -19.4320



41.3054, -2.4990, -1.2077



29.8993, 16.7672, -73.5670



9.9183, 2.7305, -18.2914



# Inverse Universe

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



79.3680, 15.7138, 1.1527



80.5513, 21.4964, 0.5288



93.0231, -13.5601, 24.1748



40.7395, 2.2517, 1.4231



33.1690, 58.4428, 8.7212

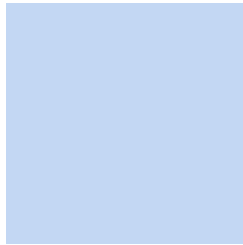


9.9345, 17.6955, 1.1295



# Previews

## White Background



This preview shows how the HunterLab color 81.6542, -5.2092, -11.3462 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

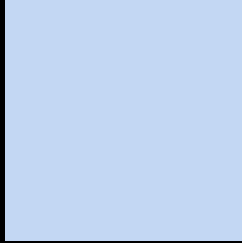
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 81.6542, -5.2092, -11.3462 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

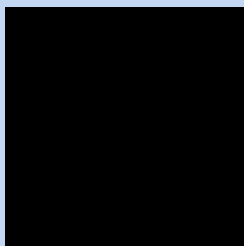
Any Text WCAG AA ✓ Pass

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 81.6542, -5.2092, -11.3462 Background



This preview shows how black text looks on a background with the HunterLab color 81.6542, -5.2092, -11.3462.



This preview shows how white text looks on a background with the HunterLab color 81.6542, -5.2092, -11.3462.

-11.3462.

# 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

81.6542, -5.2092, -11.3462

### Protanopia

81.4551, 0.2970, -10.3766

### Deuteranopia

81.7095, 6.1068, -12.2276



## Tritanopia

81.7947, -8.5882, -6.1736

# Trichromacy



## Original Color

81.6542, -5.2092, -11.3462

## Protanomaly

81.3599, -1.5298, -11.1104

## Deuteranomaly

81.7446, 1.5070, -11.6806

## Tritanomaly

81.6673, -7.2077, -7.9704

# Monochromacy



## Original Color

81.6542, -5.2092, -11.3462

## Achromatopsia

81.1403, -4.3294, 4.4085

## Achromatomaly

81.2638, -4.7798, -0.9441

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.6542, -5.2092, -11.3462 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(195, 215, 243)` looks like.

```
.text, #text, p{  
    color:rgb(195, 215, 243)  
}
```

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(195, 215, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 215, 243) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.6542, -5.2092, -11.3462 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(195, 215, 243) }
```



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

```
.border{ border-color:rgb(195, 215, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 215, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 215, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 215, 243);  
box-shadow:4px 4px 4px 4px rgb(195, 215,  
243) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.6542, -5.2092, -11.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 215, 243) }
```

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

```
.background{ background-color: rgb(195,  
215, 243) }
```

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](#).

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