

# Converting Colors

HunterLab(45.7950, -7.7472,  
-11.8996)

Have a look what the booklet for  
HunterLab(45.7950, -7.7472,  
-11.8996) contains.

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# Color

HunterLab(45.7453, -7.6835,  
-12.1387)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D839B
RGB	93, 131, 155
RGB Percent	36%, 51%, 61%
CMY	0.6353, 0.4863, 0.3922
CMYK	0.40, 0.15, 0.00, 0.39
HSL	203°, 25%, 49%
HSV	203°, 40%, 61%
XYZ	18.5469, 20.9263, 34.0720
YIQ	122.3740, -30.3520, -0.5920

# Conversions

## Conversions Part 2

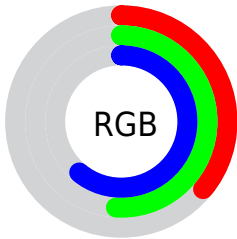
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 117, 155
Decimal	6128539
CIE <sub>Lab</sub>	52.87, -6.84, -17.04
CIE <sub>LCh</sub>	53, 18.363, 248.138
Yxy	20.9271, 0.2522, 0.2845
Android (android.graphics.Color)	4284318619 (0xFF5D839B)
YUV	122.3740, 16.0846, -25.7610
Hunter-Lab	45.7453, -7.6835, -12.1387

# Details

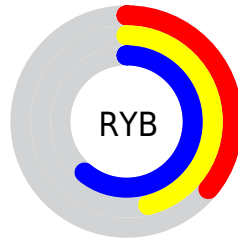
The HunterLab color  $45.7453, -7.6835, -12.1387$  is a dark color, and the websafe version is hex  $669999$ . A complement of this color would be  $45.2569, 7.0001, 14.4418$ , and the grayscale version is  $44.2098, -2.3589, 2.4020$ .

A 20% lighter version of the original color is  $67.0786, -9.6064, -12.1522$ , and  $27.4341, -5.9073, -11.5030$  is the 20% darker color. If you saturate the color by 10%, you get  $43.1662, -7.9238, -16.1340$ , and if you desaturate by 10%, it is  $48.4544, -7.0356, -8.2113$ .

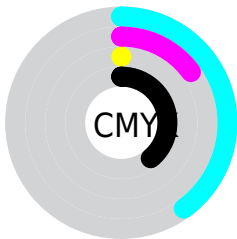
# Distribution



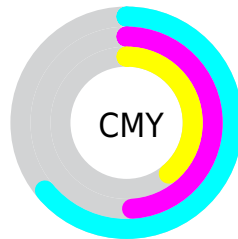
- Red (36%)
- Green (51%)
- Blue (61%)



- Red (36%)
- Yellow (46%)
- Blue (61%)



- Cyan (40%)
- Magenta (15%)
- Yellow (0%)
- Black (39%)



- Cyan (64%)
- Magenta (49%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.7453, -7.6835, -12.1387 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 45.7453, -7.6835, -12.1387 by changing the saturation by 10% instead.



■ 45.7453, -7.6835,  
-12.1387

■ 45.7453, -7.6835,  
-12.1387

160.2782,  
-16.6251, -11.8149

■ 36.1535, -6.7570,  
-11.8728

■ 67.0569, -9.5657,  
-12.4605

■ 27.3446, -5.8332,  
-11.5355

■ 78.6878, -10.5261,  
-12.5262

■ 19.3968, -4.9029,  
-11.1321

■ 90.9229, -11.5015,  
-12.5337

■ 12.4158, -3.9482,  
-10.6974

■ 103.7336,  
-12.4928, -12.4867

■ 5.6364, -5.5872,  
-13.4992

117.0952,  
-13.5005, -12.3885

0.0000, NaN, -NF

0.0000, NaN, NaN

130.9857,

-14.5250, -12.2421

0.0000, NaN, NaN

145.3859,  
-15.5665, -12.0501

0.0000, NaN, NaN

■ 45.7453, -7.6835,  
-12.1387

■ 45.7453, -7.6835,  
-12.1387

■ 43.1662, -7.9238,  
-16.1340

■ 48.4544, -7.0356,  
-8.2113

■ 40.7248, -7.7121,  
-20.1882

■ 51.2810, -6.0217,  
-4.3602

■ 38.4318, -7.0089,  
-24.2824

■ 54.2167, -4.6825,  
-0.5865

■ 36.2959, -5.7835,  
-28.3924

■ 57.2527, -3.0546,  
3.1111

■ 34.3226, -4.0236,  
-32.4900

■ 60.3814, -1.1708,  
6.7360

■ 32.4833, -1.8448,  
-36.6185

■ 63.5956, 0.9400,  
10.2926

■ 32.4830, -1.8445,  
-36.6191

■ 66.8892, 3.2528,  
13.7861

■ 70.2563, 5.7457,  
17.2219

■ 73.6920, 8.3997,  
20.6056

# Harmonies

## Analogous

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



45.7462, -13.2292, -6.8049



45.7453, -7.6835, -12.1387



45.7462, -0.3865, -13.2551

# Triad

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



45.7462, -7.6838, -12.1379



45.7462, 12.7052, 4.3875



45.7462, -11.0025, 12.0086

# Complementary

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



45.7453, -7.6835, -12.1387



45.2569, 7.0001, 14.4418

# 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.



45.7462, -4.4645, 14.0827



45.7453, -7.6835, -12.1387



45.7462, 9.4448, 10.1690

# Square

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



45.7462, -7.6838, -12.1379



45.7462, 11.7057, -2.9111



45.7462, 3.0442, 13.4681



45.7462, -15.0576, 7.3037



# Rectangle

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



45.7453, -7.6835, -12.1387



45.7462, 4.5491, -11.3140



45.7462, 3.0442, 13.4681



45.7462, -9.0395, 12.9991

# Sweetspot

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



45.7462, -7.6838, -12.1379



71.6643, -6.7020, -1.9049



52.0089, -24.3184, 12.5173



33.8712, -3.2948, -1.1903



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805



# Same Dimension

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



45.7462, -7.6838, -12.1379



58.1248, -10.5974, -21.0189



37.2203, 6.8525, -26.3435



25.7385, -2.1578, -0.1391



29.2408, -1.8668, -32.5186



4.4504, -1.5366, -2.2455



# Inverse Universe

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



40.5421, 23.8410, -6.0044



50.2137, 39.8780, -9.8423



53.7271, -7.4848, 21.5465



25.0661, 1.4238, 0.3385



25.0369, 45.5575, -4.6046



3.1750, 5.9766, -2.1296



# Previews

## White Background



This preview shows how the HunterLab color 45.7453, -7.6835, -12.1387 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

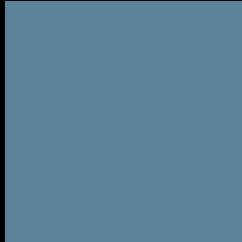
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 45.7453, -7.6835, -12.1387 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

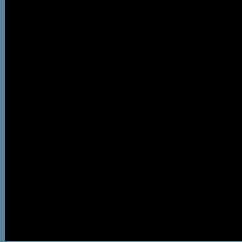
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

## HunterLab 45.7453, -7.6835, -12.1387 Background



This preview shows how black text looks on a background with the HunterLab color 45.7453, -7.6835, -12.1387.



This preview shows how white text looks on a background with the HunterLab color 45.7453, -7.6835, -12.1387.

-12.1387.

# 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

45.7453, -7.6835, -12.1387

### Protanopia

45.7107, 0.7040, -9.7968

### Deuteranopia

45.5388, 3.3851, -13.4105



## Tritanopia

45.7846, -11.3580, -6.1552

# Trichromacy



## Original Color

45.7453, -7.6835, -12.1387

## Protanomaly

45.5640, -2.6106, -10.6240

## Deuteranomaly

45.4989, -1.0924, -12.9689

## Tritanomaly

45.6780, -9.9443, -8.3935

# Monochromacy



## Original Color

45.7453, -7.6835, -12.1387

## Achromatopsia

44.1155, -2.3539, 2.3969

## Achromatomaly

44.4612, -4.7700, -2.7633

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 45.7453, -7.6835, -12.1387 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(93, 131, 155)` looks like.

```
.text, #text, p{  
    color:rgb(93, 131, 155)  
}
```

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(93, 131, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 131, 155) }
```

## Border

The CSS property to change the border of an element to HunterLab 45.7453, -7.6835, -12.1387 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(93, 131, 155) }
```



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

```
.border{ border-color:rgb(93, 131, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 131, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 131, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 131, 155);  
box-shadow:4px 4px 4px 4px rgb(93, 131,  
155) }
```

# Background

The CSS property to change the background color of an element to HunterLab 45.7453, -7.6835, -12.1387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 131, 155) }
```

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

```
.background{ background-color: rgb(93, 131,  
155) }
```

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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