

# Converting Colors

HunterLab(52.2587, 32.1267,  
17.0151)

Have a look what the booklet for  
HunterLab(52.2587, 32.1267,  
17.0151) contains.

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# Color

**HunterLab(52.1942, 32.1596,  
16.9238)**

# Conversions

Conversions Part 1	
Format	Color
Hex	D5726B
RGB	213, 114, 107
RGB Percent	84%, 45%, 42%
CMY	0.1647, 0.5529, 0.5804
CMYK	0.00, 0.46, 0.50, 0.16
HSL	4°, 56%, 63%
HSV	4°, 50%, 84%
XYZ	36.1118, 27.2423, 17.2650
YIQ	142.8030, 61.2510, 18.8110

# Conversions

## Conversions Part 2

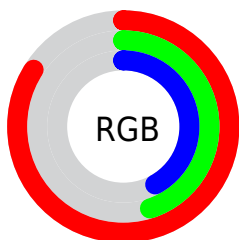
Format	Color
<a href="#">RYB</a>	<a href="#">213, 114, 107</a>
Decimal	<a href="#">13988459</a>
CIELab	<a href="#">59.20, 38.01, 21.40</a>
CIELCh	<a href="#">59, 43.617, 29.385</a>
Yxy	<a href="#">27.2438, 0.4479, 0.3379</a>
Android (android.graphics.Color)	<a href="#">4292178539</a> (0xFFD5726B)
YUV	<a href="#">142.8030, -17.6509, 61.5628</a>
Hunter-Lab	<a href="#">52.1942, 32.1596, 16.9238</a>

# Details

The HunterLab color **52.1942, 32.1596, 16.9238** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **72.1595, -26.9761, -7.7315**, and the grayscale version is **52.3832, -2.7950, 2.8461**.

A 20% lighter version of the original color is **71.9263, 26.5411, 18.1205**, and **32.7891, 29.2830, 12.9871** is the 20% darker color. If you saturate the color by 10%, you get **47.7901, 40.0774, 19.3051**, and if you desaturate by 10%, it is **57.2143, 24.2564, 14.4090**.

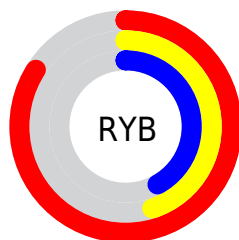
# Distribution



Red (84%)

Green (45%)

Blue (42%)



Red (84%)

Yellow (45%)

Blue (42%)

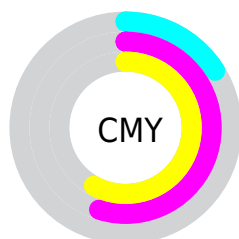


Cyan (0%)

Magenta (46%)

Yellow (50%)

Black (16%)



Cyan (16%)

Magenta (55%)

Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.1942, 32.1596, 16.9238 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 52.1942, 32.1596, 16.9238 by changing the saturation by 10% instead.





 52.1942, 32.1596,  
16.9238


 52.1942, 32.1596,  
16.9238


169.9516, 39.5990,  
32.1711


 42.1383, 30.8527,  
15.0607


 74.3470, 34.4228,  
20.4799

 32.8256, 29.4240,  
13.1091


 86.3639, 35.4036,  
22.2000

 24.3226, 27.8675,  
11.0330

 98.9664, 36.2938,  
23.8944

 16.7153, 26.2024,  
8.7992

 112.1284, 37.1002,  
25.5699

 10.1250, 24.5359,  
7.0875

125.8272, 37.8289,  
27.2317


0.0000, INF, NaN



0.0000, NaN, NaN

140.0424, 38.4852,


28.8838 0.0000, NaN, NaN

154.7560, 39.0739,  
30.5294 0.0000, NaN, NaN

 52.1942, 32.1596,  
16.9238  52.1942, 32.1596,  
16.9238


 47.7901, 40.0774,  
19.3051  57.2143, 24.2564,  
14.4090


 44.1000, 47.6577,  
21.4066  62.7516, 16.5813,  
11.8539


 41.2194, 54.3725,  
23.0496  68.7259, 9.2212,  
9.3144


 39.2078, 59.6262,  
24.0708  75.0705, 2.1971,  
6.8180

 38.0475, 62.9386,  
24.5241  81.7312, -4.5067,  
4.3751

 38.0293, 62.9898,  
24.5362

 88.6650, -10.9218,  
1.9867

 95.7999, -17.2931,  
0.1765

 96.3774, -18.1770,  
0.8678

# Harmonies

## Analogous

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



52.1955, 37.9844, 2.4750



52.1942, 32.1596, 16.9238



52.1955, 16.6937, 24.4522

# Triad

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



52.1955, 32.1564, 16.9247



52.1955, -30.1281, 17.3619



52.1955, -3.1708, -43.8850

# Complementary

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



52.1942, 32.1596, 16.9238



72.1595, -26.9761, -7.7315

# 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.



52.1955, -19.7742, -35.7163



52.1942, 32.1596, 16.9238



52.1955, -33.9402, 3.2047

# Square

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



52.1955, 32.1564, 16.9247



52.1955, -19.1962, 24.6354



52.1955, -30.4275, -16.7512



52.1955, 15.9370, -36.3246



# Rectangle

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



52.1942, 32.1596, 16.9238



52.1955, 3.9618, 26.4320



52.1955, -30.4275, -16.7512



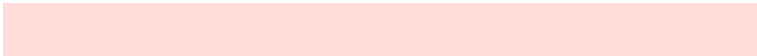
52.1955, -9.2110, -42.8537

# Sweetspot

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



52.1955, 32.1564, 16.9247



87.7866, 7.2837, 10.0000



54.0380, 50.9297, -31.0726



39.8535, 4.2240, 4.9289

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



52.1955, 32.1564, 16.9247



58.1655, 49.9478, 23.9024



64.9819, 6.0579, 27.4558



35.4277, 0.9240, 3.1685



29.8114, 48.9314, 19.2262



7.6379, 10.9875, 4.8988



# Inverse Universe

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



72.1595, -26.9761, -7.7315



86.7653, -36.3270, -11.8207



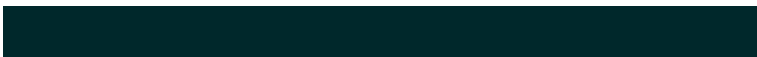
55.9224, -2.9192, -32.3336



37.3641, -4.6260, 0.8263



52.8426, -25.4870, -11.0296



13.1434, -6.4628, -2.4767



# Previews

## White Background



This preview shows how the HunterLab color 52.1942, 32.1596, 16.9238 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

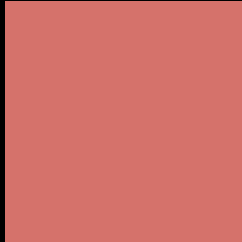
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 52.1942, 32.1596, 16.9238 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 52.1942, 32.1596, 16.9238 Background



This preview shows how black text looks on a background with the HunterLab color 52.1942, 32.1596, 16.9238.



This preview shows how white text looks on a background with the HunterLab color 52.1942, 32.1596,



# 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

52.1942, 32.1596, 16.9238

### Protanopia

52.5169, -3.6177, 12.2364

### Deuteranopia

52.3609, 3.7238, 17.7997



## Tritanopia

52.1925, 34.9167, 12.5863

# Trichromacy



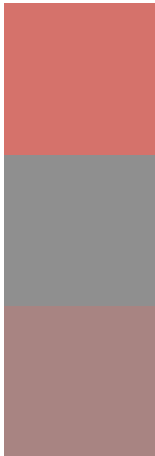
**Original Color**  
52.1942, 32.1596, 16.9238

**Protanomaly**  
51.7098, 8.9289, 13.4223

**Deuteranomaly**  
52.0952, 13.6772, 17.4348

**Tritanomaly**  
52.2917, 33.8731, 14.4245

# Monochromacy



**Original Color**  
52.1942, 32.1596, 16.9238

**Achromatopsia**  
52.4097, -2.7964, 2.8475

**Achromatomaly**  
51.4189, 8.7076, 7.4846

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.1942, 32.1596, 16.9238 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(213, 114, 107)` looks like.

```
.text, #text, p{  
    color:rgb(213, 114, 107)  
}
```

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(213, 114, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 114, 107) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.1942, 32.1596, 16.9238 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(213, 114, 107) }
```



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

```
.border{ border-color:rgb(213, 114, 107) }
```

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

Here you see how a box with a 4 pixel rgb(213, 114, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 114, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 114, 107);  
box-shadow:4px 4px 4px 4px rgb(213, 114,  
107) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.1942, 32.1596, 16.9238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 114, 107) }
```

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

```
.background{ background-color: rgb(213,  
114, 107) }
```

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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