

# Converting Colors

HunterLab(64.2731, 12.9930,  
23.8151)

Have a look what the booklet for  
HunterLab(64.2731, 12.9930,  
23.8151) contains.

<b>HunterLab(64.2992, 13.0752, 23.7566)</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(64.2992, 13.0752,  
23.7566)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC9F77
RGB	220, 159, 119
RGB Percent	86%, 62%, 47%
CMY	0.1373, 0.3764, 0.5333
CMYK	0.00, 0.28, 0.46, 0.14
HSL	24°, 59%, 66%
HSV	24°, 46%, 86%
XYZ	45.2432, 41.3439, 23.0484
YIQ	172.6790, 49.1960, 0.4920

# Conversions

## Conversions Part 2

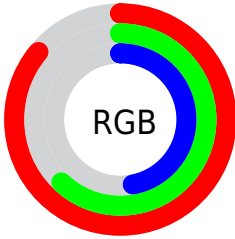
Format	Color
R <sub>YB</sub>	220, 185, 119
Decimal	14458743
CIE Lab	70.42, 17.91, 29.80
CIE LCh	70, 34.769, 58.991
Yxy	41.3459, 0.4127, 0.3771
Android (android.graphics.Color)	4292648823 (0xFFDC9F77)
YUV	172.6790, -26.4637, 41.5005
Hunter-Lab	64.2992, 13.0752, 23.7566

# Details

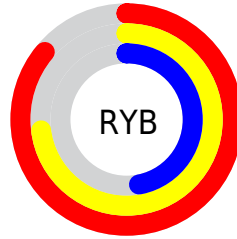
The HunterLab color **64.2992, 13.0752, 23.7566** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **64.5988, -11.2332, -22.5367**, and the grayscale version is **64.6041, -3.4471, 3.5101**.

A 20% lighter version of the original color is **85.0480, 3.8189, 25.2641**, and **43.2945, 12.7434, 18.9658** is the 20% darker color. If you saturate the color by 10%, you get **60.4568, 17.9369, 26.4758**, and if you desaturate by 10%, it is **68.3777, 8.5960, 20.4337**.

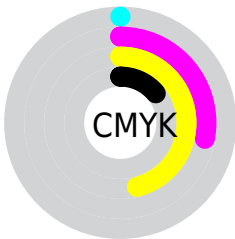
# Distribution



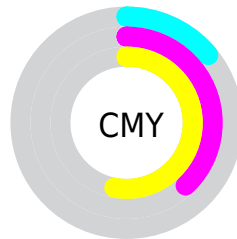
- Red (86%)
- Green (62%)
- Blue (47%)



- Red (86%)
- Yellow (73%)
- Blue (47%)



- Cyan (0%)
- Magenta (28%)
- Yellow (46%)
- Black (14%)



- Cyan (14%)
- Magenta (38%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.2992, 13.0752, 23.7566 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 64.2992, 13.0752, 23.7566 by changing the saturation by 10% instead.



64.2992, 13.0752,  
23.7566

64.2992, 13.0752,  
23.7566

187.5538, 13.0024,  
42.4231

53.4691, 12.7627,  
21.4339

87.8685, 13.4619,  
28.1760

43.3249, 12.3641,  
19.0042

100.5404, 13.5561,  
30.3017

33.9183, 11.8639,  
16.4350

113.7691, 13.5907,  
32.3863

25.3126, 11.2455,  
13.6785

127.5318, 13.5700,  
34.4378

17.5906, 10.4870,  
11.0402

141.8087, 13.4978,  
36.4626

10.8681, 9.5614,  
7.6076

156.5818, 13.3774,

2.1501, 36.1869,

38.4657

1.5050

171.8351, 13.2114,  
40.4513

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.2992, 13.0752,  
23.7566

■ 64.2992, 13.0752,  
23.7566

■ 60.4568, 17.9369,  
26.4758

■ 68.3777, 8.5960,  
20.4337

■ 56.8719, 23.1805,  
28.5100

■ 72.6638, 4.4986,  
16.5803

■ 53.5738, 28.7654,  
29.7878

■ 77.1380, 0.7599,  
12.2658

■ 50.5907, 34.6127,  
30.2603


■ 81.7819, -2.6463,  
7.5500


■ 47.9476, 40.5886,


■ 86.5791, -5.7482,


29.9360

2.4843

 46.9623, 42.9978,  
29.6907

 91.5157, -8.5739,  
-2.8882

 95.9487, -14.6566,  
0.4052

 96.9307, -16.1837,  
1.5758

# Harmonies

## Analogous

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



64.3008, 25.5272, 16.0516



64.2992, 13.0752, 23.7566



64.3008, -2.8955, 26.3035

# Triad

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



64.3008, 13.0723, 23.7575



64.3008, -31.2161, 4.0098



64.3008, 12.0514, -27.4597

# Complementary

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



64.2992, 13.0752, 23.7566



64.5988, -11.2332, -22.5367

# 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.



64.3008, -3.9715, -32.8616



64.2992, 13.0752, 23.7566



64.3008, -28.0327, -12.2374

# Square

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



64.3008, 13.0723, 23.7575



64.3008, -27.5781, 16.7433



64.3008, -18.4275, -26.7202



64.3008, 24.8987, -13.3427



# Rectangle

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



64.2992, 13.0752, 23.7566



64.3008, -13.0764, 25.3610



64.3008, -18.4275, -26.7202



64.3008, 6.8116, -30.4871

# Sweetspot

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



64.3008, 13.0723, 23.7575



92.1508, 0.1487, 13.5328



56.3538, 42.2764, -10.6895



42.0890, 0.4905, 6.8025

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



64.3008, 13.0723, 23.7575



71.6622, 20.9325, 31.1673



78.5908, -11.5839, 35.0574



37.2740, -0.6897, 4.3047



36.2589, 32.2031, 22.9064



10.0847, 6.0957, 6.3209



# Inverse Universe

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



64.5988, -11.2332, -22.5367



72.0427, -13.0565, -33.6969



50.2635, 13.6540, -48.6584



37.3080, -3.1406, -0.3511



36.1642, -1.0736, -42.8844



10.0684, -1.6674, -8.9852



# Previews

## White Background



This preview shows how the HunterLab color 64.2992, 13.0752, 23.7566 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 64.2992, 13.0752, 23.7566 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

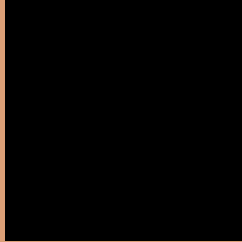
Any Text WCAG AA ✓ Pass

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 64.2992, 13.0752, 23.7566 Background



This preview shows how black text looks on a background with the HunterLab color 64.2992, 13.0752, 23.7566.



This preview shows how white text looks on a background with the HunterLab color 64.2992, 13.0752,

23.7566.

# 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

64.2992, 13.0752, 23.7566

### Protanopia

64.3621, -5.2935, 21.6939

### Deuteranopia

64.2963, 4.5787, 23.8942



## Tritanopia

64.3011, 23.2839, 7.2066

# Trichromacy



## Original Color

64.2992, 13.0752, 23.7566

## Protanomaly

64.0884, 1.1549, 22.1753

## Deuteranomaly

64.3050, 7.4690, 23.9523

## Tritanomaly

64.2408, 19.5572, 14.0694

# Monochromacy



## Original Color

64.2992, 13.0752, 23.7566

## Achromatopsia

64.6440, -3.4492, 3.5122

## Achromatomaly

64.2280, 1.5123, 11.7834

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.2992, 13.0752, 23.7566 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(220, 159, 119)` looks like.

```
.text, #text, p{  
    color:rgb(220, 159, 119)  
}
```

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(220, 159, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 159, 119) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.2992, 13.0752, 23.7566 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(220, 159, 119) }
```



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

```
.border{ border-color:rgb(220, 159, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 159, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 159, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 159, 119);  
box-shadow:4px 4px 4px 4px rgb(220, 159,  
119) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.2992, 13.0752, 23.7566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 159, 119) }
```

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

```
.background{ background-color: rgb(220,  
159, 119) }
```

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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