

Converting Colors

HunterLab(58.2473, 9.4695,
32.7505)

Have a look what the booklet for
HunterLab(58.2473, 9.4695,
32.7505) contains.

HunterLab(58.2473, 9.4695, 32.7505)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(58.2473, 9.4695,
32.7505)**

Conversions

Conversions Part 1

Format	Color
Hex	CE9234
RGB	206, 146, 52
RGB Percent	81%, 57%, 20%
CMY	0.1922, 0.4274, 0.7961
CMYK	0.00, 0.29, 0.75, 0.19
HSL	37°, 61%, 51%
HSV	37°, 75%, 81%
XYZ	36.3523, 33.9275, 7.8815
YIQ	153.2240, 65.9340, -16.5140

Conversions

Conversions Part 2

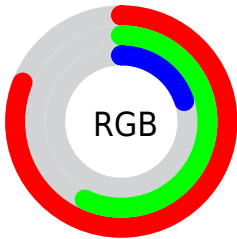
Format	Color
RYB	150, 206, 52
Decimal	13537844
CIELab	64.91, 14.21, 56.14
CIELCh	65, 57.910, 75.798
Yxy	33.9292, 0.4651, 0.4341
Android (android.graphics.Color)	4291727924 (0xFFCE9234)
YUV	153.2240, -49.9034, 46.2846
Hunter-Lab	58.2473, 9.4695, 32.7505

Details

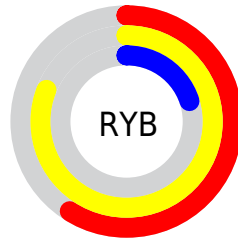
The HunterLab color **58.2473, 9.4695, 32.7505** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **40.9560, 8.3051, -59.1489**, and the grayscale version is **56.7091, -3.0259, 3.0811**.

A 20% lighter version of the original color is **79.7296, 4.6374, 39.4710**, and **38.1691, 9.0368, 23.6778** is the 20% darker color. If you saturate the color by 10%, you get **56.0304, 12.7851, 33.3481**, and if you desaturate by 10%, it is **60.5961, 6.4943, 31.3526**.

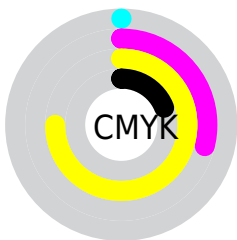
Distribution



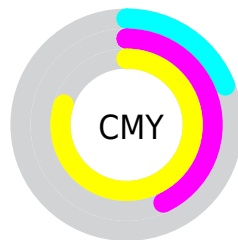
- Red (81%)
- Green (57%)
- Blue (20%)



- Red (59%)
- Yellow (81%)
- Blue (20%)



- Cyan (0%)
- Magenta (29%)
- Yellow (75%)
- Black (19%)



- Cyan (19%)
- Magenta (43%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.2473, 9.4695, 32.7505 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 58.2473, 9.4695, 32.7505 by changing the saturation by 10% instead.

■ 58.2473, 9.4695,
32.7505

■ 58.2473, 9.4695,
32.7505

178.8340, 8.3446,
63.9475

■ 47.7904, 9.2891,
28.5739

■ 81.1317, 9.6016,
40.5180

■ 38.0458, 9.0255,
24.1563

■ 93.4862, 9.5733,
44.1660

■ 29.0717, 8.6622,
19.7737

■ 106.4110, 9.4886,
47.6880

■ 20.9411, 8.1809,
14.6587

■ 119.8820, 9.3515,
51.1024

■ 13.7526, 7.5555,
9.6268

■ 133.8778, 9.1657,
54.4240

■ 7.3699, 8.0112,
5.1590

■ 148.3796, 8.9342,

0.0000, NaN, NaN

57.6654

0.0000, NaN, NaN

163.3701, 8.6597,
60.8369

0.0000, NaN, NaN

■ 58.2473, 9.4695,
32.7505

■ 58.2473, 9.4695,
32.7505

■ 56.0304, 12.7851,
33.3481

■ 60.5961, 6.4943,
31.3526

■ 53.9432, 16.4166,
33.1855

■ 63.0683, 3.8838,
29.1505

■ 52.8948, 18.3979,
32.9156

■ 65.6599, 1.6383,
26.1658

■ 68.3648, -0.2475,
22.4334

■ 71.1772, -1.7849,
17.9954

■ 74.0907, -2.9886,
12.8975

■ 77.0995, -3.8757,
7.1864

■ 80.1980, -4.4647,
0.9074

■ 83.3808, -4.7741,
-5.8961

Harmonies

Analogous

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



58.2488, 35.3400, 27.7435



58.2473, 9.4695, 32.7505



58.2488, -15.9171, 32.6300

Triad

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



58.2488, 9.4665, 32.7511



58.2488, -43.3169, -11.0743



58.2488, 36.5502, -39.8431

Complementary

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



58.2473, 9.4695, 32.7505



40.9560, 8.3051, -59.1489

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.



58.2488, 10.9067, -62.2913



58.2473, 9.4695, 32.7505



58.2488, -33.6146, -41.3857

Square

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



58.2488, 9.4665, 32.7511



58.2488, -43.5670, 13.5303



58.2488, -14.7045, -62.9536



58.2488, 52.7110, -9.5297

Rectangle

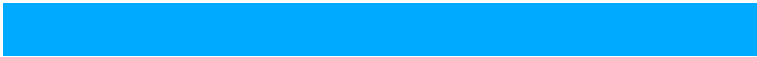
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.2473, 9.4695, 32.7505



58.2488, -29.2013, 29.8012



58.2488, -14.7045, -62.9536



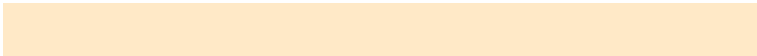
58.2488, 28.5731, -49.0406

Sweetspot

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



58.2488, 9.4665, 32.7511



91.5088, -2.6911, 21.3709



40.9681, 57.6936, 3.3868



41.8714, -1.0299, 10.6710

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.2488, 9.4665, 32.7511



69.6108, 19.1719, 42.4218



74.4411, -24.5826, 42.8520



35.1202, -1.6252, 4.5963



41.7395, 13.9595, 25.9640



10.2155, 1.7270, 6.3250

Inverse Universe

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



40.9560, 8.3051, -59.1489



44.3550, 21.3119, -98.7592



28.4957, 42.2843, -103.1951



33.9836, -1.9339, -1.0244



25.4474, 16.6743, -67.8020



6.9313, 1.3475, -11.5725

Previews

White Background



This preview shows how the HunterLab color 58.2473, 9.4695, 32.7505 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 58.2473, 9.4695, 32.7505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

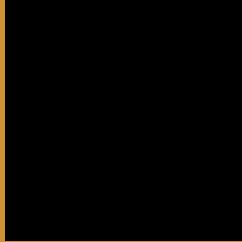
Any Text WCAG AA ✓ Pass

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 58.2473, 9.4695, 32.7505 Background



This preview shows how black text looks on a background with the HunterLab color 58.2473, 9.4695, 32.7505.



This preview shows how white text looks on a background with the HunterLab color 58.2473, 9.4695,

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

58.2473, 9.4695, 32.7505

Protanopia

58.2749, -7.5745, 32.0987

Deuteranopia

58.3588, 4.2910, 32.8536



Tritanopia

58.3052, 24.5993, 8.2880

Trichromacy



Original Color

58.2473, 9.4695, 32.7505

Protanomaly

58.2601, -1.7214, 32.3177

Deuteranomaly

58.4392, 5.9580, 32.9367

Tritanomaly

57.9894, 18.2004, 20.3783

Monochromacy



Original Color

58.2473, 9.4695, 32.7505

Achromatopsia

56.4399, -3.0115, 3.0665

Achromatomaly

56.4308, -0.4679, 17.4040

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.2473, 9.4695, 32.7505 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(206, 146, 52)` looks like.

```
.text, #text, p{  
    color:rgb(206, 146, 52)  
}
```

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(206, 146, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 146, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 58.2473, 9.4695, 32.7505 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(206, 146, 52) }
```


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

```
.border{ border-color:rgb(206, 146, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 146, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 146, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 146, 52);  
box-shadow:4px 4px 4px 4px rgb(206, 146,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.2473, 9.4695, 32.7505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 146, 52) }
```

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

```
.background{ background-color: rgb(206,  
146, 52) }
```

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