

Converting Colors

HunterLab(45.9406, 29.5398,
21.6845)

Have a look what the booklet for
HunterLab(45.9406, 29.5398,
21.6845) contains.

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Color

**HunterLab(45.9095, 29.5753,
21.7442)**

Conversions

Conversions Part 1

Format	Color
Hex	C46344
RGB	196, 99, 68
RGB Percent	77%, 39%, 27%
CMY	0.2314, 0.6117, 0.7333
CMYK	0.00, 0.49, 0.65, 0.23
HSL	15°, 52%, 52%
HSV	15°, 65%, 77%
XYZ	28.2702, 21.0768, 8.0471
YIQ	124.4690, 67.7630, 10.9230

Conversions

Conversions Part 2

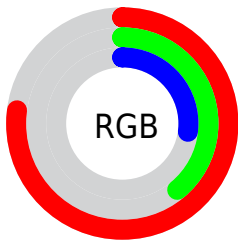
Format	Color
R_{YB}	196, 109, 68
Decimal	12870468
CIE Lab	53.03, 36.20, 35.09
CIE LCh	53, 50.416, 44.112
Yxy	21.0779, 0.4926, 0.3672
Android (android.graphics.Color)	4291060548 (0xFFC46344)
YUV	124.4690, -27.8392, 62.7327
Hunter-Lab	45.9095, 29.5753, 21.7442

Details

The HunterLab color **45.9095, 29.5753, 21.7442** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **56.6769, -17.9235, -20.0218**, and the grayscale version is **45.1659, -2.4099, 2.4540**.

A 20% lighter version of the original color is **67.0827, 30.7617, 26.9999**, and **27.5261, 26.8547, 15.6856** is the 20% darker color. If you saturate the color by 10%, you get **42.7984, 35.5807, 23.0608**, and if you desaturate by 10%, it is **49.4332, 23.6656, 19.9050**.

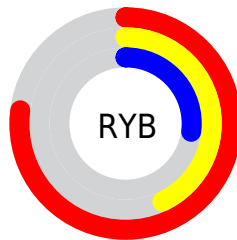
Distribution



Red (77%)

Green (39%)

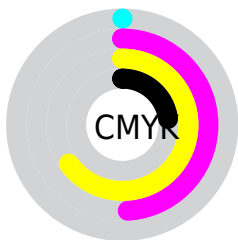
Blue (27%)



Red (77%)

Yellow (43%)

Blue (27%)

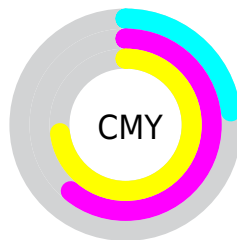


Cyan (0%)

Magenta (49%)

Yellow (65%)

Black (23%)



Cyan (23%)

Magenta (61%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.9095, 29.5753, 21.7442 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 45.9095, 29.5753, 21.7442 by changing the saturation by 10% instead.

45.9095, 29.5753,
21.7442

45.9095, 29.5753,
21.7442

160.5280, 36.8893,
43.6524

36.3056, 28.2643,
18.8210

67.2438, 31.8313,
27.1446

27.4833, 26.8265,
15.6879

78.8849, 32.8022,
29.6819

19.5204, 25.2609,
12.6828

91.1297, 33.6793,
32.1392

12.5224, 23.6123,
8.7657

103.9497, 34.4700,
34.5315

5.7962, 28.5700,
4.0573

117.3202, 35.1810,
36.8705

0.0000, INF, NaN

0.0000, NaN, NaN

131.2193, 35.8180,

39.1656

0.0000, NaN, NaN

145.6277, 36.3859,
41.4242

0.0000, NaN, NaN

■ 45.9095, 29.5753,
21.7442

■ 45.9095, 29.5753,
21.7442

■ 42.7984, 35.5807,
23.0608

■ 49.4332, 23.6656,
19.9050

■ 40.1459, 41.4839,
23.7662

■ 53.3160, 17.9884,
17.6377

■ 37.9951, 46.9904,
23.8227

■ 57.5128, 12.6045,
15.0307

■ 37.1579, 49.3073,
23.7597

■ 61.9832, 7.5346,
12.1564

■ 66.6924, 2.7732,
9.0715

■ 71.6112, -1.6996,
5.8190

■ 76.7150, -5.9101,
2.4310

■ 81.9834, -9.8865,
-1.0685

■ 87.3994, -13.6561,
-4.6618

Harmonies

Analogous

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



45.9107, 42.5996, 10.7661



45.9095, 29.5753, 21.7442



45.9107, 8.8969, 25.9694

Triad

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



45.9107, 29.5721, 21.7449



45.9107, -34.6631, 11.6601



45.9107, 7.6053, -51.0860

Complementary

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



45.9095, 29.5753, 21.7442



56.6769, -17.9235, -20.0218

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.



45.9107, -12.7957, -50.4861



45.9095, 29.5753, 21.7442



45.9107, -34.8853, -7.6647

Square

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



45.9107, 29.5721, 21.7449



45.9107, -26.8881, 22.1500



45.9107, -27.5605, -32.2053



45.9107, 28.4840, -33.5992

Rectangle

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



45.9095, 29.5753, 21.7442



45.9107, -5.2567, 26.4287



45.9107, -27.5605, -32.2053



45.9107, 0.4214, -53.1725

Sweetspot

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



45.9107, 29.5721, 21.7449



86.5522, 6.8918, 14.3207



43.1604, 55.6848, -22.0767



39.2114, 4.0425, 7.1693

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.9107, 29.5721, 21.7449



56.1280, 51.0394, 31.5136



61.6010, -1.4419, 32.6691



32.3501, 0.0377, 3.3264



29.9769, 38.9444, 19.1534



7.0720, 5.7762, 4.4588

Inverse Universe

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



56.6769, -17.9235, -20.0218



72.5274, -23.6640, -33.0635



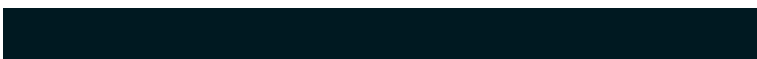
38.3974, 12.3553, -56.7636



33.1687, -3.3945, 0.2070



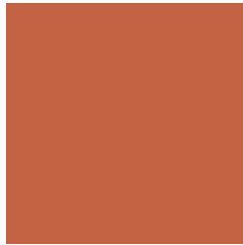
40.5156, -12.1771, -24.3540



9.0059, -3.3363, -4.0543

Previews

White Background



This preview shows how the HunterLab color 45.9095, 29.5753, 21.7442 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 45.9095, 29.5753, 21.7442 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 45.9095, 29.5753, 21.7442 Background



This preview shows how black text looks on a background with the HunterLab color 45.9095, 29.5753, 21.7442.



This preview shows how white text looks on a background with the HunterLab color 45.9095, 29.5753,

21.7442.

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

45.9095, 29.5753, 21.7442

Protanopia

46.0628, -4.6105, 19.0255

Deuteranopia

45.9364, 2.9419, 22.2876



Tritanopia

45.9671, 35.0049, 13.0572

Trichromacy



Original Color

45.9095, 29.5753, 21.7442

Protanomaly

45.4869, 7.1014, 19.7086

Deuteranomaly

45.6616, 12.5596, 21.8627

Tritanomaly

45.7792, 33.0087, 16.5463

Monochromacy



Original Color

45.9095, 29.5753, 21.7442

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

44.4353, 7.4287, 10.0360

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.9095, 29.5753, 21.7442 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(196, 99, 68)` looks like.

```
.text, #text, p{  
    color:rgb(196, 99, 68)  
}
```

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(196, 99, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 99, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 45.9095, 29.5753, 21.7442 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(196, 99, 68) }
```


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

```
.border{ border-color:rgb(196, 99, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 99, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 99, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 99, 68);  
box-shadow:4px 4px 4px 4px rgb(196, 99,  
68) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.9095, 29.5753, 21.7442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 99, 68) }
```

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

```
.background{ background-color: rgb(196, 99,  
68) }
```

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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