

Converting Colors

HunterLab(45.2223, 27.1494,
25.0862)

Have a look what the booklet for
HunterLab(45.2223, 27.1494,
25.0862) contains.

HunterLab(45.2223, 27.1494, 25.0862)	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(45.2223, 27.1494,
25.0862)**

Conversions

Conversions Part 1

Format	Color
Hex	C1632D
RGB	193, 99, 45
RGB Percent	76%, 39%, 18%
CMY	0.2431, 0.6117, 0.8235
CMYK	0.00, 0.49, 0.77, 0.24
HSL	22°, 62%, 47%
HSV	22°, 77%, 76%
XYZ	26.9278, 20.4506, 5.0107
YIQ	120.9500, 73.3580, 3.1340

Conversions

Conversions Part 2

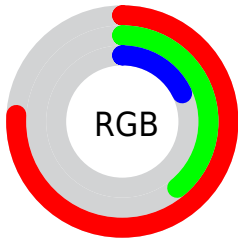
Format	Color
R_{YB}	193, 130, 45
Decimal	12673837
CIE Lab	52.34, 33.81, 46.16
CIE LCh	52, 57.217, 53.784
Yxy	20.4517, 0.5140, 0.3904
Android (android.graphics.Color)	4290863917 (0xFFC1632D)
YUV	120.9500, -37.4433, 63.1879
Hunter-Lab	45.2223, 27.1494, 25.0862

Details

The HunterLab color **45.2223, 27.1494, 25.0862** 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 **47.8245, -9.2701, -33.2401**, and the grayscale version is **43.8290, -2.3386, 2.3813**.

A 20% lighter version of the original color is **66.4841, 29.5127, 32.0401**, and **26.9588, 24.4206, 17.0394** is the 20% darker color. If you saturate the color by 10%, you get **42.6455, 32.3693, 25.5101**, and if you desaturate by 10%, it is **48.1014, 22.1008, 23.9925**.

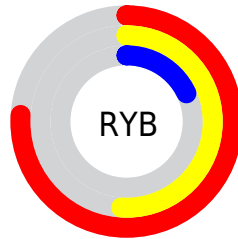
Distribution



Red (76%)

Green (39%)

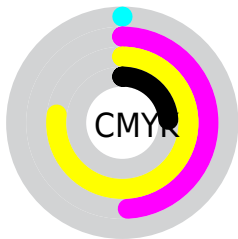
Blue (18%)



Red (76%)

Yellow (51%)

Blue (18%)

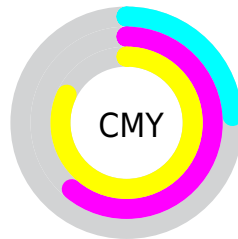


Cyan (0%)

Magenta (49%)

Yellow (77%)

Black (24%)



Cyan (24%)

Magenta (61%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.2223, 27.1494, 25.0862 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 45.2223, 27.1494, 25.0862 by changing the saturation by 10% instead.

45.2223, 27.1494,
25.0862

45.2223, 27.1494,
25.0862

159.4835, 33.7123,
52.5744

35.6704, 25.9282,
21.3210

66.4629, 29.2269,
31.9996

26.9047, 24.5779,
17.3537

78.0612, 30.1106,
35.2194

19.0047, 23.0930,
13.3033

90.2653, 30.9023,
38.3178

12.0783, 21.5067,
8.4548

103.0464, 31.6094,
41.3151

5.0942, 29.4021,
3.5659

116.3796, 32.2386,
44.2276

0.0000, INF, NaN

0.0000, NaN, NaN

130.2428, 32.7957,

47.0681

0.0000, NaN, NaN

144.6167, 33.2854,
49.8475

0.0000, NaN, NaN

■ 45.2223, 27.1494,
25.0862

■ 45.2223, 27.1494,
25.0862

■ 42.6455, 32.3693,
25.5101

■ 48.1014, 22.1008,
23.9925

■ 40.3916, 37.6254,
25.2780

■ 51.2510, 17.3198,
22.2752

■ 39.7129, 39.3162,
25.1592

■ 54.6448, 12.8482,
20.0022

■ 58.2567, 8.7017,
17.2444

■ 62.0634, 4.8763,
14.0682

■ 66.0443, 1.3564,
10.5326

■ 70.1813, -1.8798,
6.6880

■ 74.4590, -4.8566,
2.5767

■ 78.8640, -7.5987,
-1.7663

Harmonies

Analogous

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



45.2235, 46.1965, 16.4733



45.2223, 27.1494, 25.0862



45.2235, 2.5282, 27.6154

Triad

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



45.2235, 27.1462, 25.0868



45.2235, -38.8302, 6.8289



45.2235, 17.0631, -56.3081

Complementary

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



45.2223, 27.1494, 25.0862



47.8245, -9.2701, -33.2401

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.



45.2235, -7.1554, -63.5088



45.2223, 27.1494, 25.0862



45.2235, -36.4852, -18.2671

Square

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



45.2235, 27.1462, 25.0868



45.2235, -33.1276, 21.0695



45.2235, -25.9146, -47.0468



45.2235, 39.6009, -30.5639

Rectangle

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



45.2223, 27.1494, 25.0862



45.2235, -12.5817, 27.3489



45.2235, -25.9146, -47.0468



45.2235, 8.7367, -61.3822

Sweetspot

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



45.2235, 27.1462, 25.0868



84.8046, 4.9166, 17.3049



38.9144, 59.2036, -13.4974



38.3937, 3.0957, 8.7871



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



45.2235, 27.1462, 25.0868



54.9852, 48.0869, 34.0102



63.7001, -7.8194, 36.8039



32.6592, -0.4903, 3.6648



32.6036, 31.4837, 20.6413



7.6883, 4.2985, 4.8128

Inverse Universe

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



47.8245, -9.2701, -33.2401



58.5825, -7.5593, -55.4856



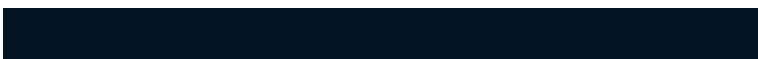
29.0627, 27.3078, -84.5387



32.8486, -2.8760, -0.1777



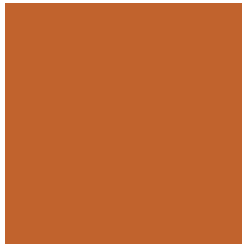
34.7408, -3.4744, -35.9228



8.0557, -2.0043, -5.7423

Previews

White Background



This preview shows how the HunterLab color 45.2223, 27.1494, 25.0862 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 45.2223, 27.1494, 25.0862 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 45.2223, 27.1494, 25.0862 Background



This preview shows how black text looks on a background with the HunterLab color 45.2223, 27.1494, 25.0862.



This preview shows how white text looks on a background with the HunterLab color 45.2223, 27.1494,

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

45.2223, 27.1494, 25.0862

Protanopia

45.5468, -5.6529, 23.7376

Deuteranopia

45.2860, 3.0017, 25.4446



Tritanopia

45.2599, 35.0874, 12.7092

Trichromacy



Original Color

45.2223, 27.1494, 25.0862

Protanomaly

44.8146, 5.6089, 23.8684

Deuteranomaly

45.0494, 11.3933, 25.1977

Tritanomaly

45.1284, 31.9574, 18.3963

Monochromacy



Original Color

45.2223, 27.1494, 25.0862

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

43.3631, 6.0866, 12.6672

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.2223, 27.1494, 25.0862 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(193, 99, 45)` looks like.

```
.text, #text, p{  
    color:rgb(193, 99, 45)  
}
```

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(193, 99, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 99, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 45.2223, 27.1494, 25.0862 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(193, 99, 45) }
```


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

```
.border{ border-color:rgb(193, 99, 45) }
```

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

Here you see how a box with a 4 pixel rgb(193, 99, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 99, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 99, 45);  
box-shadow:4px 4px 4px 4px rgb(193, 99,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.2223, 27.1494, 25.0862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 99, 45) }
```

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

```
.background{ background-color: rgb(193, 99,  
45) }
```

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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