

Converting Colors

HunterLab(45.5182, 51.3668,
24.9845)

Have a look what the booklet for
HunterLab(45.5182, 51.3668,
24.9845) contains.

HunterLab(45.4790, 51.4628, 24.9909)	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(45.4790, 51.4628,
24.9909)**

Conversions

Conversions Part 1

Format	Color
Hex	DF4932
RGB	223, 73, 50
RGB Percent	87%, 29%, 20%
CMY	0.1255, 0.7137, 0.8039
CMYK	0.00, 0.67, 0.78, 0.13
HSL	8°, 73%, 54%
HSV	8°, 78%, 87%
XYZ	33.3898, 20.6834, 5.2501
YIQ	115.2280, 96.7830, 24.6470

Conversions

Conversions Part 2

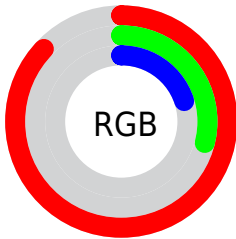
Format	Color
R_{YB}	223, 77, 50
Decimal	14633266
CIE Lab	52.60, 57.10, 45.48
CIE LCh	53, 73.002, 38.540
Yxy	20.6846, 0.5628, 0.3487
Android (android.graphics.Color)	4292823346 (0xFFDF4932)
YUV	115.2280, -32.1574, 94.5160
Hunter-Lab	45.4790, 51.4628, 24.9909

Details

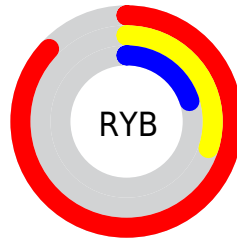
The HunterLab color **45.4790, 51.4628, 24.9909** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **68.7822, -28.7946, -18.2983**, and the grayscale version is **41.5888, -2.2191, 2.2596**.

A 20% lighter version of the original color is **61.5161, 41.1879, 27.4899**, and **27.3499, 46.8615, 17.4865** is the 20% darker color. If you saturate the color by 10%, you get **42.8703, 57.9724, 25.9378**, and if you desaturate by 10%, it is **48.8608, 44.0660, 23.3771**.

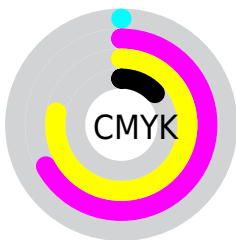
Distribution



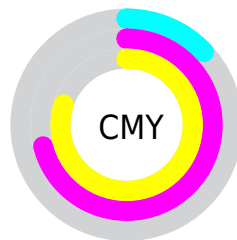
- Red (87%)
- Green (29%)
- Blue (20%)



- Red (87%)
- Yellow (30%)
- Blue (20%)



- Cyan (0%)
- Magenta (67%)
- Yellow (78%)
- Black (13%)



- Cyan (13%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.4790, 51.4628, 24.9909 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 45.4790, 51.4628, 24.9909 by changing the saturation by 10% instead.

45.4790, 51.4628,
24.9909

45.4790, 51.4628,
24.9909

159.8742, 65.2624,
52.1125

35.9077, 49.4391,
21.2822

66.7548, 55.2083,
31.8035

27.1208, 47.3626,
17.3450

78.3692, 56.9265,
34.9781

19.1972, 45.3290,
13.4380

90.5885, 58.5428,
38.0342

12.2439, 43.6409,
8.5707

103.3842, 60.0616,
40.9919

5.3677, 56.0310,
3.7574

116.7314, 61.4880,
43.8669

0.0000, INF, NaN

0.0000, NaN, NaN

130.6081, 62.8271,

46.6721

0.0000, NaN, NaN

144.9948, 64.0837,
49.4178

0.0000, NaN, NaN

■ 45.4790, 51.4628,
24.9909

■ 45.4790, 51.4628,
24.9909

■ 42.8703, 57.9724,
25.9378

■ 48.8608, 44.0660,
23.3771

■ 41.0651, 63.0711,
26.1844

■ 52.9380, 36.2901,
21.2362


■ 40.7422, 64.0232,
26.2260


■ 57.6245, 28.4970,
18.7222


■ 62.8340, 20.9106,
15.9631

■ 68.4898, 13.6428,
13.0520

 74.5262, 6.7310,
10.0511

 80.8893, 0.1702,
6.9992

 87.5350, -6.0659,
3.9196

 94.4275, -12.0127,
0.8253

Harmonies

Analogous

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



45.4803, 69.0062, 9.8310



45.4790, 51.4628, 24.9909



45.4803, 20.4244, 29.5729

Triad

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



45.4803, 51.4584, 24.9916



45.4803, -44.3312, 18.2119



45.4803, 6.3719, -90.7745

Complementary

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



45.4790, 51.4628, 24.9909



68.7822, -28.7946, -18.2983

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.



45.4803, -21.5057, -82.7455



45.4790, 51.4628, 24.9909



45.4803, -46.2693, -6.3595

Square

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



45.4803, 51.4584, 24.9916



45.4803, -32.8397, 27.7732



45.4803, -39.0533, -46.0909



45.4803, 38.9353, -63.8776

Rectangle

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



45.4790, 51.4628, 24.9909



45.4803, -0.9635, 30.1866



45.4803, -39.0533, -46.0909



45.4803, -3.8765, -92.2980

Sweetspot

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



45.4803, 51.4584, 24.9916



82.7761, 12.2852, 13.6647



47.1934, 77.5145, -40.4004



37.1293, 7.0556, 6.9071

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.4803, 51.4584, 24.9916



48.5105, 71.3530, 30.4495



63.1863, 10.9276, 36.2948



37.4071, 0.6439, 3.5552



31.3897, 48.6070, 20.1932



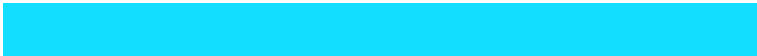
8.8276, 11.0449, 5.6329

Inverse Universe

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



68.7822, -28.7946, -18.2983



77.6968, -33.0300, -24.8966



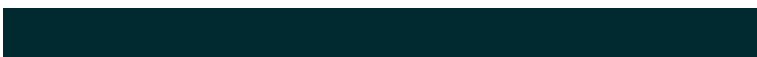
43.0927, 11.2294, -69.3017



39.0449, -4.5404, 0.6135



50.7617, -21.4969, -17.0420



13.6876, -6.0737, -3.9968

Previews

White Background



This preview shows how the HunterLab color 45.4790, 51.4628, 24.9909 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 45.4790, 51.4628, 24.9909 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 45.4790, 51.4628, 24.9909 Background



This preview shows how black text looks on a background with the HunterLab color 45.4790, 51.4628, 24.9909.



This preview shows how white text looks on a background with the HunterLab color 45.4790, 51.4628,

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

45.4790, 51.4628, 24.9909

Protanopia

45.6114, -5.1048, 21.3162

Deuteranopia

45.6602, 2.9066, 25.6941



Tritanopia

45.5214, 54.3127, 20.5628

Trichromacy



Original Color

45.4790, 51.4628, 24.9909

Protanomaly

44.0314, 14.7698, 21.6341

Deuteranomaly

44.5197, 20.6340, 24.7503

Tritanomaly

45.5362, 53.3859, 22.4822

Monochromacy



Original Color

45.4790, 51.4628, 24.9909

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

40.9142, 14.6610, 11.1250

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.4790, 51.4628, 24.9909 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(223, 73, 50)` looks like.

```
.text, #text, p{  
    color:rgb(223, 73, 50)  
}
```

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(223, 73, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 73, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 45.4790, 51.4628, 24.9909 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(223, 73, 50) }
```


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

```
.border{ border-color:rgb(223, 73, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 73, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 73, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 73, 50);  
box-shadow:4px 4px 4px 4px rgb(223, 73,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.4790, 51.4628, 24.9909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 73, 50) }
```

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

```
.background{ background-color: rgb(223, 73,  
50) }
```

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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