

Converting Colors

HunterLab(45.3558, 46.3887,
25.0763)

Have a look what the booklet for
HunterLab(45.3558, 46.3887,
25.0763) contains.

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Color

**HunterLab(45.3399, 46.4194,
25.0942)**

Conversions

Conversions Part 1

Format	Color
Hex	D94F30
RGB	217, 79, 48
RGB Percent	85%, 31%, 19%
CMY	0.1490, 0.6902, 0.8118
CMYK	0.00, 0.64, 0.78, 0.15
HSL	11°, 69%, 52%
HSV	11°, 78%, 85%
XYZ	31.9447, 20.5571, 5.0806
YIQ	116.7280, 92.1990, 19.6150

Conversions

Conversions Part 2

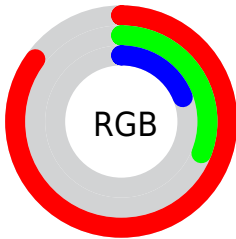
Format	Color
R_{YB}	217, 86, 48
Decimal	14241584
CIE _{Lab}	52.46, 52.54, 46.04
CIE _{LCh}	52, 69.854, 41.225
Yxy	20.5583, 0.5548, 0.3570
Android (android.graphics.Color)	4292431664 (0xFFD94F30)
YUV	116.7280, -33.8829, 87.9385
Hunter-Lab	45.3399, 46.4194, 25.0942

Details

The HunterLab color **45.3399, 46.4194, 25.0942** 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 **63.8376, -24.1950, -22.0559**, and the grayscale version is **42.1749, -2.2503, 2.2914**.

A 20% lighter version of the original color is **62.5737, 38.4804, 28.7457**, and **26.9646, 42.3568, 17.3570** is the 20% darker color. If you saturate the color by 10%, you get **42.6569, 52.9340, 25.8287**, and if you desaturate by 10%, it is **48.6715, 39.3739, 23.6820**.

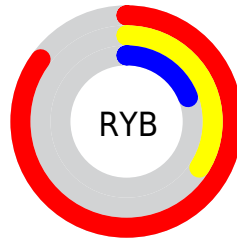
Distribution



Red (85%)

Green (31%)

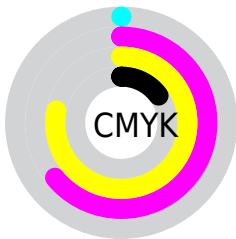
Blue (19%)



Red (85%)

Yellow (34%)

Blue (19%)

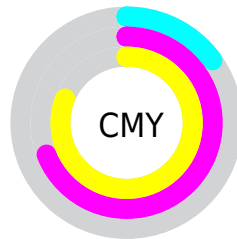


Cyan (0%)

Magenta (64%)

Yellow (78%)

Black (15%)



Cyan (15%)

Magenta (69%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.3399, 46.4194, 25.0942 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 45.3399, 46.4194, 25.0942 by changing the saturation by 10% instead.

45.3399, 46.4194,
25.0942

45.3399, 46.4194,
25.0942

159.6626, 58.9136,
52.5071

35.7792, 44.5239,
21.3414

66.5967, 49.8791,
31.9863

27.0037, 42.5504,
17.3775

78.2024, 51.4489,
35.1966

19.0929, 40.5676,
13.3650

90.4134, 52.9164,
38.2863

12.1542, 38.8082,
8.5079

103.2012, 54.2872,
41.2756

5.2213, 50.8121,
3.6549

116.5408, 55.5670,
44.1804

0.0000, INF, NaN

0.0000, NaN, NaN

130.4103, 56.7614,

47.0139

0.0000, NaN, NaN

144.7900, 57.8754,
49.7865

0.0000, NaN, NaN

■ 45.3399, 46.4194,
25.0942

■ 45.3399, 46.4194,
25.0942

■ 42.6569, 52.9340,
25.8287

■ 48.6715, 39.3739,
23.6820

■ 40.6587, 58.4683,
25.8846


■ 52.5826, 32.1858,
21.7020


■ 40.3196, 59.4547,
25.8856


■ 57.0028, 25.1104,
19.2838


■ 61.8632, 18.2984,
16.5422

■ 67.1022, 11.8195,
13.5674

 72.6676, 5.6905,
10.4252

 78.5155, -0.1011,
7.1617

 84.6100, -5.5827,
3.8084

 90.9213, -10.7875,
0.3867

Harmonies

Analogous

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



45.3412, 64.5660, 11.4632



45.3399, 46.4194, 25.0942



45.3412, 16.5343, 29.2505

Triad

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



45.3412, 46.4153, 25.0949



45.3412, -43.4174, 16.2102



45.3412, 8.7097, -83.8172

Complementary

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



45.3399, 46.4194, 25.0942



63.8376, -24.1950, -22.0559

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.



45.3412, -18.6986, -79.4493



45.3399, 46.4194, 25.0942



45.3412, -44.5266, -8.8578

Square

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



45.3412, 46.4153, 25.0949



45.3412, -33.0986, 26.7377



45.3412, -36.6282, -46.8711



45.3412, 39.4874, -56.5956

Rectangle

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



45.3399, 46.4194, 25.0942



45.3412, -3.5835, 29.7458



45.3412, -36.6282, -46.8711



45.3412, -1.2481, -86.2880

Sweetspot

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



45.3412, 46.4153, 25.0949



83.6307, 10.7015, 14.5473



45.1791, 73.1931, -31.8551



37.5776, 6.2071, 7.3605

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.3412, 46.4153, 25.0949



49.6784, 67.6962, 31.1214



64.2895, 5.0278, 37.1239



36.6552, 0.3689, 3.6270



31.5484, 45.6931, 20.2399



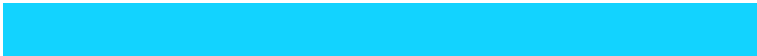
8.7255, 9.5578, 5.5439

Inverse Universe

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



63.8376, -24.1950, -22.0559



73.6061, -27.6552, -31.3354



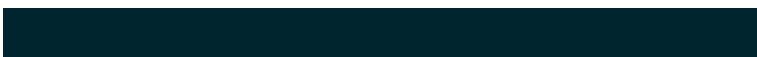
38.7895, 17.0086, -76.1393



37.9501, -4.1792, 0.4202



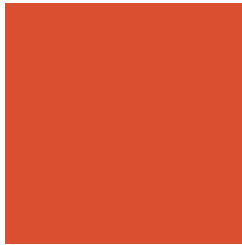
47.1755, -17.5036, -21.1801



12.4482, -5.0398, -4.6797

Previews

White Background



This preview shows how the HunterLab color 45.3399, 46.4194, 25.0942 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 45.3399, 46.4194, 25.0942 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 45.3399, 46.4194, 25.0942 Background



This preview shows how black text looks on a background with the HunterLab color 45.3399, 46.4194, 25.0942.



This preview shows how white text looks on a background with the HunterLab color 45.3399, 46.4194,

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

45.3399, 46.4194, 25.0942

Protanopia

45.5615, -5.3816, 22.0499

Deuteranopia

45.3832, 3.2993, 25.7361



Tritanopia

45.2954, 50.2964, 18.8571

Trichromacy



Original Color

45.3399, 46.4194, 25.0942

Protanomaly

44.1001, 12.4532, 22.1881

Deuteranomaly

44.3220, 18.8549, 24.8348

Tritanomaly

45.2677, 49.0985, 21.5904

Monochromacy



Original Color

45.3399, 46.4194, 25.0942

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

41.5277, 12.9445, 11.3598

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.3399, 46.4194, 25.0942 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(217, 79, 48)` looks like.

```
.text, #text, p{  
    color:rgb(217, 79, 48)  
}
```

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(217, 79, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 79, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 45.3399, 46.4194, 25.0942 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(217, 79, 48) }
```


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

```
.border{ border-color:rgb(217, 79, 48) }
```

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

Here you see how a box with a 4 pixel rgb(217, 79, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 79, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 79, 48);  
box-shadow:4px 4px 4px 4px rgb(217, 79,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.3399, 46.4194, 25.0942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 79, 48) }
```

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

```
.background{ background-color: rgb(217, 79,  
48) }
```

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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