

Converting Colors

HunterLab(45.7855, 48.7269,
25.4585)

Have a look what the booklet for
HunterLab(45.7855, 48.7269,
25.4585) contains.

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Color

**HunterLab(45.7092, 48.9020,
25.3948)**

Conversions

Conversions Part 1

Format	Color
Hex	DD4D30
RGB	221, 77, 48
RGB Percent	87%, 30%, 19%
CMY	0.1333, 0.6980, 0.8118
CMYK	0.00, 0.65, 0.78, 0.13
HSL	10°, 72%, 53%
HSV	10°, 78%, 87%
XYZ	33.0062, 20.8933, 5.0895
YIQ	116.7500, 95.1330, 21.5090

Conversions

Conversions Part 2

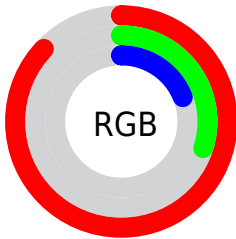
Format	Color
R_{YB}	221, 83, 48
Decimal	14503216
CIE Lab	52.83, 54.75, 46.63
CIE LCh	53, 71.916, 40.424
Yxy	20.8945, 0.5595, 0.3542
Android (android.graphics.Color)	4292693296 (0xFFDD4D30)
YUV	116.7500, -33.8937, 91.4273
Hunter-Lab	45.7092, 48.9020, 25.3948

Details

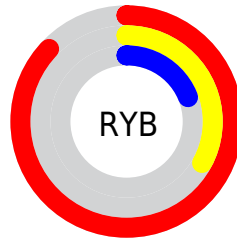
The HunterLab color **45.7092, 48.9020, 25.3948** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **65.9879, -25.8943, -21.2546**, and the grayscale version is **42.1828, -2.2508, 2.2919**.

A 20% lighter version of the original color is **62.1346, 39.5082, 28.4190**, and **27.3212, 44.9505, 17.6221** is the 20% darker color. If you saturate the color by 10%, you get **43.0519, 55.4627, 26.1615**, and if you desaturate by 10%, it is **49.0641, 41.6748, 23.9404**.

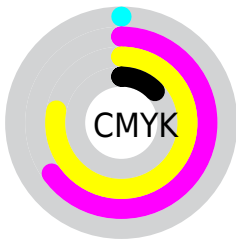
Distribution



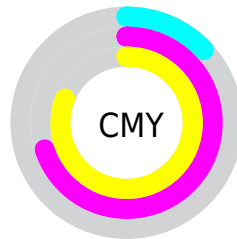
- Red (87%)
- Green (30%)
- Blue (19%)



- Red (87%)
- Yellow (33%)
- Blue (19%)



- Cyan (0%)
- Magenta (65%)
- Yellow (78%)
- Black (13%)



- Cyan (13%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.7092, 48.9020, 25.3948 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 45.7092, 48.9020, 25.3948 by changing the saturation by 10% instead.

45.7092, 48.9020,
25.3948

45.7092, 48.9020,
25.3948

160.2240, 62.0092,
53.0748

36.1205, 46.9454,
21.6069

67.0164, 52.4960,
32.3544

27.3146, 44.9210,
17.6061

78.6451, 54.1354,
35.5967

19.3700, 42.9072,
13.5590

90.8781, 55.6726,
38.7171

12.3927, 41.1600,
8.6749

103.6868, 57.1128,
41.7358

5.6011, 51.0560,
3.9208

117.0464, 58.4614,
44.6690

0.0000, INF, NaN

0.0000, NaN, NaN

130.9351, 59.7238,

47.5298

0.0000, NaN, NaN

145.3335, 60.9049,
50.3288

0.0000, NaN, NaN

■ 45.7092, 48.9020,
25.3948

■ 45.7092, 48.9020,
25.3948

■ 43.0519, 55.4627,
26.1615

■ 49.0641, 41.6748,
23.9404

■ 41.1253, 60.8714,
26.2495

■ 53.0446, 34.2164,
21.9160

■ 40.8641, 61.6371,
26.2593


■ 57.5747, 26.8234,
19.4604


■ 62.5790, 19.6751,
16.6952

■ 67.9901, 12.8577,
13.7144

 73.7507, 6.3965,
10.5849

 79.8129, 0.2822,
7.3525

 86.1373, -5.5124,
4.0472

 92.6918, -11.0213,
0.6888

Harmonies

Analogous

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



45.7105, 67.2931, 11.1688



45.7092, 48.9020, 25.3948



45.7105, 18.0298, 29.6666

Triad

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



45.7105, 48.8977, 25.3955



45.7105, -44.3641, 17.0601



45.7105, 8.2156, -87.9614

Complementary

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



45.7092, 48.9020, 25.3948



65.9879, -25.8943, -21.2546

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.



45.7105, -19.8435, -82.4062



45.7092, 48.9020, 25.3948



45.7105, -45.7329, -8.3207

Square

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



45.7105, 48.8977, 25.3955



45.7105, -33.5625, 27.3844



45.7105, -37.9374, -47.7559



45.7105, 40.1744, -60.0862

Rectangle

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



45.7092, 48.9020, 25.3948



45.7105, -2.8578, 30.1919



45.7105, -37.9374, -47.7559



45.7105, -2.0236, -90.2268

Sweetspot

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



45.7105, 48.8977, 25.3955



83.3624, 11.1968, 14.2711



46.1510, 75.5249, -34.4306



37.4368, 6.4724, 7.2185

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.7105, 48.8977, 25.3955



49.0661, 69.5407, 30.8920



64.7289, 6.7059, 37.4416



36.6095, 0.4478, 3.5766



31.3247, 46.4044, 20.1145



8.6348, 9.8145, 5.4926

Inverse Universe

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



65.9879, -25.8943, -21.2546



74.7173, -29.2147, -29.5446



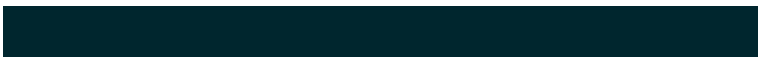
40.1103, 16.0959, -76.1184



37.9980, -4.2561, 0.4773



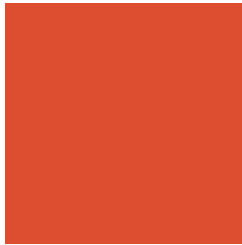
48.0390, -18.6565, -19.7705



12.6323, -5.2798, -4.3917

Previews

White Background



This preview shows how the HunterLab color 45.7092, 48.9020, 25.3948 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 45.7092, 48.9020, 25.3948 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 45.7092, 48.9020, 25.3948 Background



This preview shows how black text looks on a background with the HunterLab color 45.7092, 48.9020, 25.3948.



This preview shows how white text looks on a background with the HunterLab color 45.7092, 48.9020,

25.3948.

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

45.7092, 48.9020, 25.3948

Protanopia

45.9369, -5.4950, 22.3277

Deuteranopia

45.7574, 3.2050, 25.9837



Tritanopia

45.6404, 52.5022, 19.9216

Trichromacy



Original Color

45.7092, 48.9020, 25.3948

Protanomaly

44.3483, 13.2312, 22.3838

Deuteranomaly

44.7279, 20.0674, 25.1316

Tritanomaly

45.6295, 51.4190, 22.3195

Monochromacy



Original Color

45.7092, 48.9020, 25.3948

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

41.5259, 14.1628, 11.3794

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.7092, 48.9020, 25.3948 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(221, 77, 48)` looks like.

```
.text, #text, p{  
    color:rgb(221, 77, 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(221, 77, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 77, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 45.7092, 48.9020, 25.3948 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(221, 77, 48) }
```


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

```
.border{ border-color:rgb(221, 77, 48) }
```

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

Here you see how a box with a 4 pixel rgb(221, 77, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 77, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 77, 48);  
box-shadow:4px 4px 4px 4px rgb(221, 77,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.7092, 48.9020, 25.3948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 77, 48) }
```

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

```
.background{ background-color: rgb(221, 77,  
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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