

Converting Colors

HunterLab(45.0215, 50.1223,
20.7743)

Have a look what the booklet for
HunterLab(45.0215, 50.1223,
20.7743) contains.

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Color

**HunterLab(45.0088, 50.1243,
20.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	DA4A47
RGB	218, 74, 71
RGB Percent	85%, 29%, 28%
CMY	0.1451, 0.7098, 0.7216
CMYK	0.00, 0.66, 0.67, 0.15
HSL	1°, 67%, 57%
HSV	1°, 67%, 85%
XYZ	32.4996, 20.2579, 8.1585
YIQ	116.7140, 86.7870, 29.5950

Conversions

Conversions Part 2

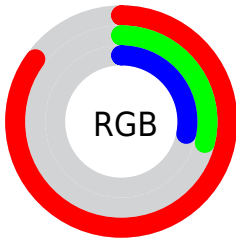
Format	Color
RYB	218, 74, 71
Decimal	14305863
CIELab	52.13, 55.98, 33.15
CIElCh	52, 65.056, 30.630
Yxy	20.2591, 0.5335, 0.3326
Android (android.graphics.Color)	4292495943 (0xFFDA4A47)
YUV	116.7140, -22.5370, 88.8278
Hunter-Lab	45.0088, 50.1243, 20.7590

Details

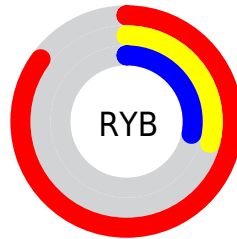
The HunterLab color **45.0088, 50.1243, 20.7590** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **74.1605, -34.5826, -7.9372**, and the grayscale version is **42.1287, -2.2479, 2.2889**.

A 20% lighter version of the original color is **62.1139, 42.4970, 22.0568**, and **26.7340, 46.0787, 14.9804** is the 20% darker color. If you saturate the color by 10%, you get **42.0044, 57.0783, 22.7493**, and if you desaturate by 10%, it is **48.9307, 42.0710, 18.3950**.

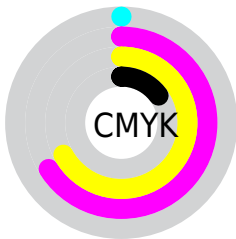
Distribution



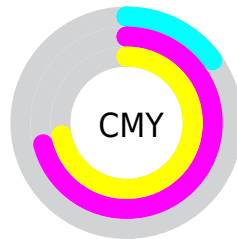
- Red (85%)
- Green (29%)
- Blue (28%)



- Red (85%)
- Yellow (29%)
- Blue (28%)



- Cyan (0%)
- Magenta (66%)
- Yellow (67%)
- Black (15%)



- Cyan (15%)
- Magenta (71%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.0088, 50.1243, 20.7590 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 45.0088, 50.1243, 20.7590 by changing the saturation by 10% instead.

45.0088, 50.1243,
20.7590

45.0088, 50.1243,
20.7590

159.1585, 63.6447,
41.7668

35.4733, 48.1273,
17.9660

66.2202, 53.8107,
25.9219

26.7252, 46.0730,
14.9706

77.8051, 55.4977,
28.3503

18.8449, 44.0547,
12.0900

89.9965, 57.0823,
30.7044

11.9410, 42.3725,
8.3587

102.7655, 58.5693,
32.9985

4.8547, 58.9557,
3.3983

116.0870, 59.9640,
35.2438

0.0000, INF, NaN

0.0000, NaN, NaN

129.9391, 61.2716,

37.4492

0.0000, NaN, NaN

144.3021, 62.4969,
39.6216

0.0000, NaN, NaN

■ 45.0088, 50.1243,
20.7590

■ 45.0088, 50.1243,
20.7590

■ 42.0044, 57.0783,
22.7493

■ 48.9307, 42.0710,
18.3950

■ 39.9777, 62.2639,
24.1500

■ 53.6569, 33.5565,
15.8610


■ 38.9019, 65.2255,
24.8679


■ 59.0691, 25.0120,
13.3062


■ 38.7327, 65.6882,
25.0169


■ 65.0564, 16.6817,
10.8164

■ 71.5250, 8.6728,
8.4313

 78.3984, 1.0105,
6.1622

 85.6159, -6.3218,
4.0054

 93.1290, -13.3589,
1.9504

 96.7705, -16.7596,
1.3712

Harmonies

Analogous

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



45.0101, 60.4168, 2.9779



45.0088, 50.1243, 20.7590



45.0101, 25.2891, 27.4837

Triad

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



45.0101, 50.1202, 20.7598



45.0101, -38.6435, 20.2788



45.0101, -1.8443, -77.4968

Complementary

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



45.0088, 50.1243, 20.7590



74.1605, -34.5826, -7.9372

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.



45.0101, -24.6884, -63.1980



45.0088, 50.1243, 20.7590



45.0101, -42.7409, 1.9156

Square

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



45.0101, 50.1202, 20.7598



45.0101, -25.4531, 27.3399



45.0101, -38.2788, -29.7418



45.0101, 26.4823, -62.0352

Rectangle

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



45.0088, 50.1243, 20.7590



45.0101, 6.1601, 28.7961



45.0101, -38.2788, -29.7418



45.0101, -10.3722, -75.9561

Sweetspot

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



45.0101, 50.1202, 20.7598



83.2486, 12.9434, 10.8381



49.3422, 71.0276, -46.0491



37.4949, 7.2387, 5.3864

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.0101, 50.1202, 20.7598



48.9837, 71.1239, 27.9848



60.1766, 14.7555, 31.4653



36.1856, 1.1843, 3.1058



30.0116, 50.7360, 19.3812



7.7390, 12.5760, 4.9889

Inverse Universe

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



74.1605, -34.5826, -7.9372



87.5852, -43.7992, -10.8410



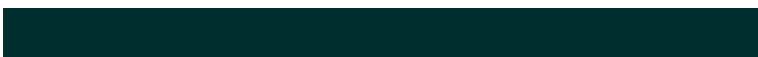
50.7567, -1.1375, -46.2245



38.4466, -4.9713, 1.0080



56.3261, -29.0784, -7.6307



14.3883, -7.4632, -1.8732

Previews

White Background



This preview shows how the HunterLab color 45.0088, 50.1243, 20.7590 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 45.0088, 50.1243, 20.7590 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 45.0088, 50.1243, 20.7590 Background



This preview shows how black text looks on a background with the HunterLab color 45.0088, 50.1243, 20.7590.



This preview shows how white text looks on a background with the HunterLab color 45.0088, 50.1243,

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

45.0088, 50.1243, 20.7590

Protanopia

45.2479, -4.1884, 15.1335

Deuteranopia

45.1913, 3.1533, 21.7321



Tritanopia

44.9515, 50.9291, 19.3297

Trichromacy



Original Color

45.0088, 50.1243, 20.7590

Protanomaly

43.5108, 15.0629, 15.9235

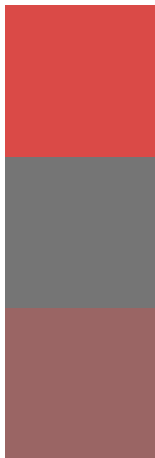
Deuteranomaly

44.0919, 19.8585, 20.5860

Tritanomaly

44.9205, 50.7962, 19.7831

Monochromacy



Original Color

45.0088, 50.1243, 20.7590

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

41.3491, 15.1874, 8.4572

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.0088, 50.1243, 20.7590 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(218, 74, 71)` looks like.

```
.text, #text, p{  
    color:rgb(218, 74, 71)  
}
```

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(218, 74, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 74, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 45.0088, 50.1243, 20.7590 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(218, 74, 71) }
```


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

```
.border{ border-color:rgb(218, 74, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 74, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 74, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 74, 71);  
box-shadow:4px 4px 4px 4px rgb(218, 74,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.0088, 50.1243, 20.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 74, 71) }
```

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

```
.background{ background-color: rgb(218, 74,  
71) }
```

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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