

Converting Colors

HunterLab(47.0558, 53.3945,
29.9303)

Have a look what the booklet for
HunterLab(47.0558, 53.3945,
29.9303) contains.

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Color

**HunterLab(47.1041, 53.2114,
29.9569)**

Conversions

Conversions Part 1

Format	Color
Hex	E84B00
RGB	232, 75, 0
RGB Percent	91%, 29%, 0%
CMY	0.0902, 0.7058, 1.0000
CMYK	0.00, 0.68, 1.00, 0.09
HSL	19°, 100%, 45%
HSV	19°, 100%, 91%
XYZ	35.7948, 22.1880, 2.3961
YIQ	113.3930, 117.6470, 9.9590

Conversions

Conversions Part 2

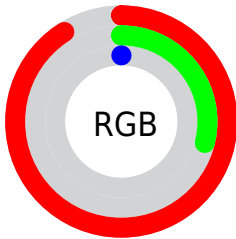
Format	Color
RYB	232, 111, 0
Decimal	15223552
CIELab	54.23, 58.37, 65.03
CIELCh	54, 87.388, 48.089
Yxy	22.1893, 0.5928, 0.3675
Android (android.graphics.Color)	4293413632 (0xFFE84B00)
YUV	113.3930, -55.9027, 104.0183
Hunter-Lab	47.1041, 53.2114, 29.9569

Details

The HunterLab color **47.1041, 53.2114, 29.9569** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **54.7150, -8.9040, -49.1676**, and the grayscale version is **40.9655, -2.1858, 2.2257**.

A 20% lighter version of the original color is **61.5146, 38.0924, 34.1792**, and **28.6627, 49.0857, 18.5211** is the 20% darker color. If you saturate the color by 10%, you get **47.1052, 53.2076, 29.9575**, and if you desaturate by 10%, it is **49.6498, 46.6792, 30.4304**.

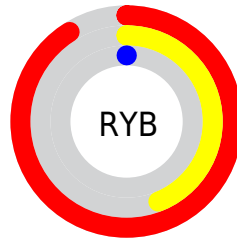
Distribution



Red (91%)

Green (29%)

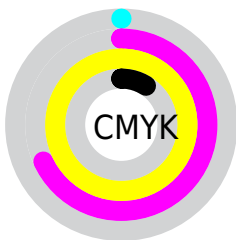
Blue (0%)



Red (91%)

Yellow (44%)

Blue (0%)

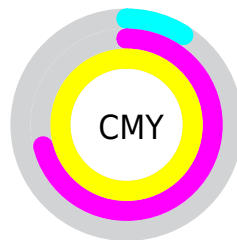


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.1041, 53.2114, 29.9569 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 47.1041, 53.2114, 29.9569 by changing the saturation by 10% instead.

47.1041, 53.2114,
29.9569

47.1041, 53.2114,
29.9569

162.3370, 67.2337,
66.7928

37.4113, 51.1667,
24.9446

68.5993, 57.0007,
39.2912

28.4920, 49.0681,
19.9444

80.3141, 58.7427,
43.6426

20.4218, 47.0031,
14.2953

92.6289, 60.3836,
47.8193

13.3018, 45.2410,
9.3113

105.5158, 61.9278,
51.8449

6.8409, 49.2168,
4.7887

118.9504, 63.3800,
55.7393

0.0000, INF, NaN

0.0000, NaN, NaN


132.9112, 64.7453,


59.5196


0.0000, NaN, NaN


 147.3792, 66.0284,
63.2000


0.0000, NaN, NaN


 47.1041, 53.2114,
29.9569


 47.1041, 53.2114,
29.9569


 47.1052, 53.2076,
29.9575

 49.6498, 46.6792,
30.4304

 52.6770, 39.8878,
30.2013

 56.1591, 33.1329,
29.1368

 60.0534, 26.6006,
27.2912

 64.3158, 20.4021,
24.7556

■ 68.9043, 14.5915,
21.6291

■ 73.7811, 9.1830,
18.0045

■ 78.9129, 4.1665,
13.9621

■ 84.2710, -0.4822,
9.5691

Harmonies

Analogous

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



47.1055, 82.9854, 18.7689



47.1041, 53.2114, 29.9569



47.1055, 12.6373, 32.2708

Triad

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



47.1055, 53.2067, 29.9575



47.1055, -52.9118, 14.2295



47.1055, 20.9593, -112.7828

Complementary

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



47.1041, 53.2114, 29.9569



54.7150, -8.9040, -49.1676

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.



47.1055, -15.9669, -118.0670



47.1041, 53.2114, 29.9569



47.1055, -51.9065, -22.8036

Square

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



47.1055, 53.2067, 29.9575



47.1055, -43.7514, 28.7494



47.1055, -40.4073, -77.4643



47.1055, 60.8519, -66.0273

Rectangle

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



47.1041, 53.2114, 29.9569



47.1055, -11.8654, 32.3599



47.1055, -40.4073, -77.4643



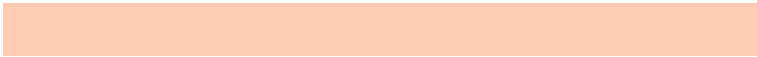
47.1055, 7.6248, -120.2974

Sweetspot

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



47.1055, 53.2067, 29.9575



82.0468, 10.3134, 20.1098



44.3202, 81.5106, -14.8598



36.8781, 5.9281, 10.1219

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.1055, 53.2067, 29.9575



52.3086, 59.6001, 33.2757



73.3157, -2.7302, 45.1289



38.8909, -0.3345, 4.2854



35.3855, 38.8309, 22.4842



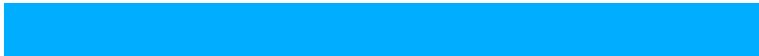
10.4357, 8.3842, 6.5772

Inverse Universe

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



54.7150, -8.9040, -49.1676



60.7756, -9.7043, -55.0154



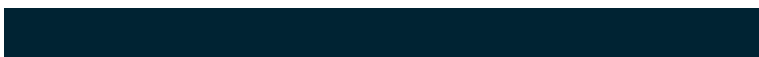
27.4233, 52.3303, -147.2424



39.3821, -3.6774, -0.1027



41.0583, -7.0839, -36.0272



11.8849, -3.0117, -8.3537

Previews

White Background



This preview shows how the HunterLab color 47.1041, 53.2114, 29.9569 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 47.1041, 53.2114, 29.9569 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 47.1041, 53.2114, 29.9569 Background



This preview shows how black text looks on a background with the HunterLab color 47.1041, 53.2114, 29.9569.



This preview shows how white text looks on a background with the HunterLab color 47.1041, 53.2114,

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

47.1041, 53.2114, 29.9569

Protanopia

47.4403, -6.5475, 27.9684

Deuteranopia

47.2312, 2.4455, 29.1464



Tritanopia

47.1010, 57.7822, 22.1004

Trichromacy



Original Color

47.1041, 53.2114, 29.9569

Protanomaly

45.6851, 14.3630, 27.7662

Deuteranomaly

45.9640, 21.0782, 28.6918

Tritanomaly

47.0698, 55.7216, 26.7238

Monochromacy



Original Color

47.1041, 53.2114, 29.9569

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.5703, 14.1017, 16.2863

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.1041, 53.2114, 29.9569 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(232, 75, 0)` looks like.

```
.text, #text, p{  
    color:rgb(232, 75, 0)  
}
```

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(232, 75, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 75, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 47.1041, 53.2114, 29.9569 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(232, 75, 0) }
```


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

```
.border{ border-color:rgb(232, 75, 0) }
```

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

Here you see how a box with a 4 pixel rgb(232, 75, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 75, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 75, 0);  
box-shadow:4px 4px 4px 4px rgb(232, 75, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 47.1041, 53.2114, 29.9569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 75, 0) }
```

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

```
.background{ background-color: rgb(232, 75,  
0) }
```

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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