

Converting Colors

HunterLab(52.1728, 56.0010,
32.7730)

Have a look what the booklet for
HunterLab(52.1728, 56.0010,
32.7730) contains.

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Color

**HunterLab(52.2970, 56.1087,
32.8485)**

Conversions

Conversions Part 1

Format	Color
Hex	FB570B
RGB	251, 87, 11
RGB Percent	98%, 34%, 4%
CMY	0.0157, 0.6588, 0.9568
CMYK	0.00, 0.65, 0.96, 0.02
HSL	19°, 97%, 51%
HSV	19°, 96%, 98%
XYZ	43.2522, 27.3498, 3.3160
YIQ	127.3720, 122.1400, 11.1320

Conversions

Conversions Part 2

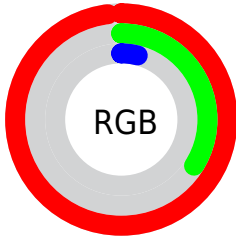
Format	Color
RYB	251, 122, 11
Decimal	16471819
CIELab	59.30, 60.03, 67.36
CIElCh	59, 90.229, 48.297
Yxy	27.3514, 0.5851, 0.3700
Android (android.graphics.Color)	4294661899 (0xFFFB570B)
YUV	127.3720, -57.3714, 108.4218
Hunter-Lab	52.2970, 56.1087, 32.8485

Details

The HunterLab color **52.2970, 56.1087, 32.8485** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **61.3949, -11.8481, -50.5131**, and the grayscale version is **46.4006, -2.4758, 2.5210**.

A 20% lighter version of the original color is **64.3116, 32.3377, 34.6989**, and **32.9403, 52.2267, 21.2120** is the 20% darker color. If you saturate the color by 10%, you get **51.1587, 59.1615, 32.5595**, and if you desaturate by 10%, it is **55.2904, 48.7461, 33.1243**.

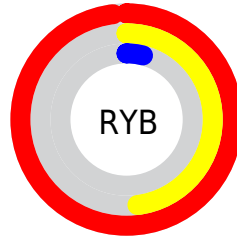
Distribution



Red (98%)

Green (34%)

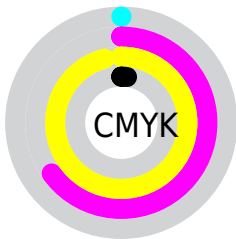
Blue (4%)



Red (98%)

Yellow (48%)

Blue (4%)

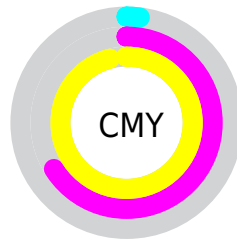


Cyan (0%)

Magenta (65%)

Yellow (96%)

Black (2%)



Cyan (2%)

Magenta (66%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.2970, 56.1087, 32.8485 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 52.2970, 56.1087, 32.8485 by changing the saturation by 10% instead.

52.2970, 56.1087,
32.8485

52.2970, 56.1087,
32.8485

170.1042, 70.1743,
70.1733

42.2342, 54.0619,
27.7974

74.4629, 59.8946,
42.2509

32.9139, 51.9476,
22.9905

86.4857, 61.6371,
46.6494

24.4025, 49.8229,
17.0817

99.0938, 63.2808,
50.8798

16.7858, 47.8576,
11.7500

112.2613, 64.8299,
54.9639

10.1847, 46.5824,
7.1293

125.9653, 66.2892,
58.9205


0.0000, INF, NaN

0.0000, INF, NaN


140.1855, 67.6634,


62.7656


0.0000, NaN, NaN


 154.9039, 68.9571,
66.5127


0.0000, NaN, NaN


 52.2970, 56.1087,
32.8485


 52.2970, 56.1087,
32.8485


 51.1587, 59.1615,
32.5595

 55.2904, 48.7461,
33.1243

 58.8209, 41.2285,
32.4877

 62.8459, 33.8244,
30.9507

 67.3151, 26.7131,
28.5978

 72.1789, 19.9949,
25.5384

■ 77.3912, 13.7128,
21.8818

■ 82.9108, 7.8712,
17.7259

■ 88.7021, 2.4518,
13.1535

■ 94.7346, -2.5759,
8.2321

Harmonies

Analogous

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



52.2985, 87.6425, 20.4752



52.2970, 56.1087, 32.8485



52.2985, 13.0795, 35.5084

Triad

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



52.2985, 56.1037, 32.8492



52.2985, -57.3196, 15.2074



52.2985, 22.5249, -117.7926

Complementary

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



52.2970, 56.1087, 32.8485



61.3949, -11.8481, -50.5131

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.



52.2985, -16.9733, -123.6383



52.2970, 56.1087, 32.8485



52.2985, -56.1396, -24.4255

Square

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



52.2985, 56.1037, 32.8492



52.2985, -47.3683, 31.3623



52.2985, -43.4802, -81.6982



52.2985, 64.7162, -68.9757

Rectangle

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



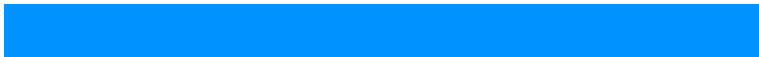
52.2970, 56.1087, 32.8485



52.2985, -13.0490, 35.5823



52.2985, -43.4802, -81.6982



52.2985, 8.3191, -125.6994

Sweetspot

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



52.2985, 56.1037, 32.8492



82.4668, 9.9916, 19.5413



48.8300, 88.7011, -17.6042



37.0458, 5.8020, 9.8720

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.2985, 56.1037, 32.8492



52.0663, 60.2940, 33.1386



80.7211, -3.8138, 49.4405



42.5702, -0.3091, 4.6908



37.3995, 42.0116, 23.7809



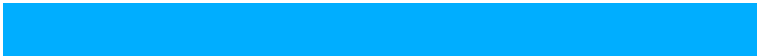
12.1542, 10.6905, 7.6765

Inverse Universe

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



61.3949, -11.8481, -50.5131



61.3070, -10.5277, -53.9023



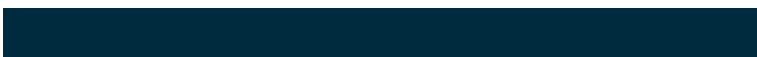
31.2552, 53.3386, -152.9352



43.1591, -4.0809, -0.1077



43.9835, -7.9998, -37.7062



14.0788, -3.4744, -10.0971

Previews

White Background



This preview shows how the HunterLab color 52.2970, 56.1087, 32.8485 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 52.2970, 56.1087, 32.8485 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 52.2970, 56.1087, 32.8485 Background



This preview shows how black text looks on a background with the HunterLab color 52.2970, 56.1087, 32.8485.



This preview shows how white text looks on a background with the HunterLab color 52.2970, 56.1087,

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

52.2970, 56.1087, 32.8485

Protanopia

52.2596, -6.9441, 30.7618

Deuteranopia

52.3756, 3.2923, 32.3313



Tritanopia

52.3673, 62.0520, 23.6244

Trichromacy



Original Color

52.2970, 56.1087, 32.8485

Protanomaly

50.6884, 15.0950, 30.6104

Deuteranomaly

51.0759, 22.2899, 31.7296

Tritanomaly

52.1416, 59.3869, 28.6173

Monochromacy



Original Color

52.2970, 56.1087, 32.8485

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

45.8420, 14.9690, 17.3941

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.2970, 56.1087, 32.8485 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(251, 87, 11)` looks like.

```
.text, #text, p{  
    color:rgb(251, 87, 11)  
}
```

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(251, 87, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 87, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 52.2970, 56.1087, 32.8485 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(251, 87, 11) }
```


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

```
.border{ border-color:rgb(251, 87, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 87, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 87, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 87, 11);  
box-shadow:4px 4px 4px 4px rgb(251, 87,  
11) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.2970, 56.1087, 32.8485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 87, 11) }
```

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

```
.background{ background-color: rgb(251, 87,  
11) }
```

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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