

Converting Colors

HunterLab(51.6508, 49.2251,
32.6887)

Have a look what the booklet for
HunterLab(51.6508, 49.2251,
32.6887) contains.

HunterLab(51.6778, 49.5663, 32.7114)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.6778, 49.5663,
32.7114)**

Conversions

Conversions Part 1

Format	Color
Hex	F25D00
RGB	242, 93, 0
RGB Percent	95%, 36%, 0%
CMY	0.0510, 0.6353, 1.0000
CMYK	0.00, 0.62, 1.00, 0.05
HSL	23°, 100%, 47%
HSV	23°, 100%, 95%
XYZ	40.5323, 26.7060, 3.0184
YIQ	126.9490, 118.6570, 2.6650

Conversions

Conversions Part 2

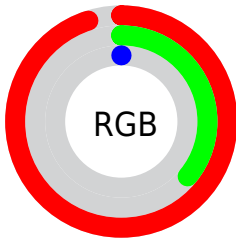
Format	Color
RYB	242, 151, 0
Decimal	15883520
CIELab	58.70, 54.36, 68.26
CIElCh	59, 87.263, 51.471
Yxy	26.7075, 0.5769, 0.3801
Android (android.graphics.Color)	4294073600 (0xFFFF25D00)
YUV	126.9490, -62.5859, 100.8997
Hunter-Lab	51.6778, 49.5663, 32.7114

Details

The HunterLab color **51.6778, 49.5663, 32.7114** 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 **52.8240, -1.9706, -61.7710**, and the grayscale version is **46.2551, -2.4681, 2.5131**.

A 20% lighter version of the original color is **65.4470, 29.5104, 36.1754**, and **32.4795, 46.1105, 20.8210** is the 20% darker color. If you saturate the color by 10%, you get **51.6788, 49.5627, 32.7119**, and if you desaturate by 10%, it is **54.4516, 42.8426, 33.3498**.

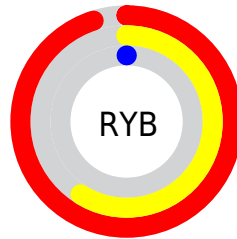
Distribution



Red (95%)

Green (36%)

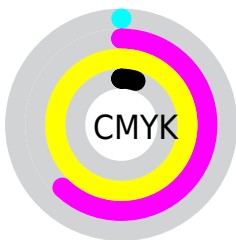
Blue (0%)



Red (95%)

Yellow (59%)

Blue (0%)

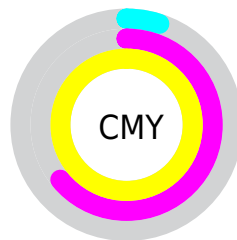


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6778, 49.5663, 32.7114 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 51.6778, 49.5663, 32.7114 by changing the saturation by 10% instead.

51.6778, 49.5663,
32.7114

51.6778, 49.5663,
32.7114

169.1857, 62.0741,
70.5593

41.6577, 47.6780,
27.5887

73.7659, 53.0092,
42.2523

32.3836, 45.7011,
22.6685

85.7530, 54.5752,
46.7151

23.9228, 43.6732,
16.7460

98.3270, 56.0419,
51.0063

16.3627, 41.7210,
11.4539

111.4619, 57.4150,
55.1479

9.8271, 40.2632,
6.8790

125.1345, 58.6998,
59.1589


0.0000, INF, NaN

0.0000, INF, NaN


139.3245, 59.9015,


63.0556


0.0000, NaN, NaN


 154.0137, 61.0248,
66.8518


0.0000, NaN, NaN


 51.6778, 49.5663,
32.7114


 51.6778, 49.5663,
32.7114


 51.6788, 49.5627,
32.7119

 54.4516, 42.8426,
33.3498

 57.6300, 36.1081,
33.2214

 61.1931, 29.5841,
32.1840

 65.1079, 23.3967,
30.2737

 69.3403, 17.6147,
27.5672

73.8578, 12.2656,
24.1550

78.6305, 7.3486,
20.1269

83.6320, 2.8462,
15.5652

88.8387, -1.2690,
10.5419

Harmonies

Analogous

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



51.6793, 81.7142, 21.9872



51.6778, 49.5663, 32.7114



51.6793, 8.2428, 34.9768

Triad

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



51.6793, 49.5616, 32.7121



51.6793, -56.0506, 11.8935



51.6793, 26.0056, -108.4420

Complementary

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



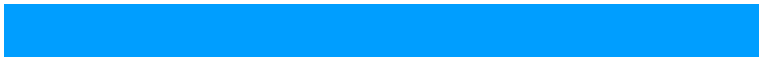
51.6778, 49.5663, 32.7114



52.8240, -1.9706, -61.7710

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.



51.6793, -12.9134, -119.2157



51.6778, 49.5663, 32.7114



51.6793, -53.7740, -28.6717

Square

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



51.6793, 49.5616, 32.7121



51.6793, -47.5383, 29.7343



51.6793, -40.0901, -83.3184



51.6793, 65.6630, -59.7620

Rectangle

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



51.6778, 49.5663, 32.7114



51.6793, -16.1862, 34.9098



51.6793, -40.0901, -83.3184



51.6793, 12.1938, -117.5359

Sweetspot

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



51.6793, 49.5616, 32.7121



83.4014, 7.8415, 21.3987



45.8853, 83.3247, -7.1341



37.5806, 4.6238, 10.7694

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.6793, 49.5616, 32.7121



54.7686, 52.7989, 34.6725



81.7631, -10.7762, 50.1933



40.9326, -0.6778, 4.7151



38.1995, 35.4717, 24.1594



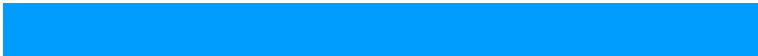
11.8356, 8.1701, 7.4361

Inverse Universe

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



52.8240, -1.9706, -61.7710



55.9757, -1.9516, -65.7518



26.9306, 61.8901, -167.2634



41.0479, -3.5281, -0.3656



39.0673, -2.0293, -44.4502



12.0898, -1.9068, -10.9949

Previews

White Background



This preview shows how the HunterLab color 51.6778, 49.5663, 32.7114 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 51.6778, 49.5663, 32.7114 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 51.6778, 49.5663, 32.7114 Background



This preview shows how black text looks on a background with the HunterLab color 51.6778, 49.5663, 32.7114.



This preview shows how white text looks on a background with the HunterLab color 51.6778, 49.5663,

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

51.6778, 49.5663, 32.7114

Protanopia

51.8513, -6.9653, 30.8404

Deuteranopia

51.8764, 2.9950, 32.0185



Tritanopia

51.7901, 56.3586, 21.3080

Trichromacy



Original Color

51.6778, 49.5663, 32.7114

Protanomaly

50.3954, 12.8578, 30.7468

Deuteranomaly

50.9799, 19.5856, 31.7565

Tritanomaly

51.4929, 53.1367, 27.8957

Monochromacy



Original Color

51.6778, 49.5663, 32.7114

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.1417, 12.0118, 18.6398

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6778, 49.5663, 32.7114 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(242, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 93, 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(242, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 93, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6778, 49.5663, 32.7114 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(242, 93, 0) }
```


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

```
.border{ border-color:rgb(242, 93, 0) }
```

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

Here you see how a box with a 4 pixel rgb(242, 93, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 93, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.6778, 49.5663, 32.7114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 93, 0) }
```

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

```
.background{ background-color: rgb(242, 93,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor