

Converting Colors

HunterLab(50.1792, 65.8589,
32.0731)

Have a look what the booklet for
HunterLab(50.1792, 65.8589,
32.0731) contains.

HunterLab(50.1562, 65.9285, 32.0602)	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(50.1562, 65.9285,
32.0602)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4200
RGB	255, 66, 0
RGB Percent	100%, 26%, 0%
CMY	0.0000, 0.7411, 1.0000
CMYK	0.00, 0.74, 1.00, 0.00
HSL	16°, 100%, 50%
HSV	16°, 100%, 100%
XYZ	43.1882, 25.1564, 2.5794
YIQ	114.9870, 133.8300, 19.5420

Conversions

Conversions Part 2

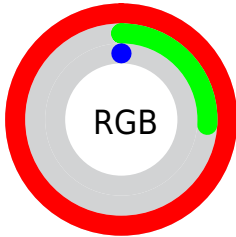
Format	Color
R_{YB}	255, 89, 0
Decimal	16728576
CIE _{Lab}	57.23, 68.76, 68.81
CIE _{LCh}	57, 97.276, 45.024
Yxy	25.1580, 0.6089, 0.3547
Android (android.graphics.Color)	4294918656 (0xFFFF4200)
YUV	114.9870, -56.6886, 122.7914
Hunter-Lab	50.1562, 65.9285, 32.0602

Details

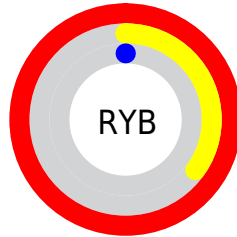
The HunterLab color **50.1562, 65.9285, 32.0602** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **66.0379, -17.5965, -44.5557**, and the grayscale version is **41.5783, -2.2185, 2.2590**.

A 20% lighter version of the original color is **60.4488, 40.6733, 33.3479**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **50.1574, 65.9239, 32.0609**, and if you desaturate by 10%, it is **52.7405, 58.8636, 32.4627**.

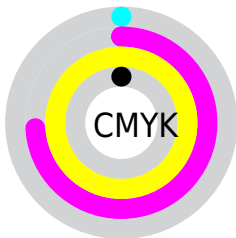
Distribution



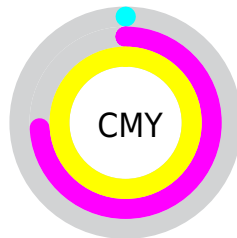
- Red (100%)
- Green (26%)
- Blue (0%)



- Red (100%)
- Yellow (35%)
- Blue (0%)



- Cyan (0%)
- Magenta (74%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (74%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.1562, 65.9285, 32.0602 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 50.1562, 65.9285, 32.0602 by changing the saturation by 10% instead.


 50.1562, 65.9285,
32.0602


 50.1562, 65.9285,
32.0602


166.9203, 82.4864,
70.3791


 40.2428, 63.6558,
26.8705


 72.0510, 70.2448,
41.7356


 31.0839, 61.3778,
21.7587


 83.9490, 72.2687,
46.2585


 22.7497, 59.2158,
15.9248

 96.4383, 74.1967,
50.6051

 15.3317, 57.5003,
10.7322

 109.4920, 76.0303,
54.7978

 8.9459, 57.4214,
6.2622

 123.0867, 77.7723,
58.8560


0.0000, INF, NaN

0.0000, INF, NaN


 137.2017, 79.4264,


62.7965


0.0000, NaN, NaN


 151.8185, 80.9965,
66.6335

0.0000, NaN, NaN


 50.1562, 65.9285,
32.0602


 50.1562, 65.9285,
32.0602


 50.1574, 65.9239,
32.0609

 52.7405, 58.8636,
32.4627

 56.0015, 51.0685,
32.0856

 59.9024, 42.9979,
30.8056

 64.3811, 34.9803,
28.7066

 69.3711, 27.2301,
25.9147

■ 74.8087, 19.8651,
22.5583

■ 80.6365, 12.9336,
18.7498

■ 86.8048, 6.4392,
14.5811

■ 93.2713, 0.3606,
10.1238

Harmonies

Analogous

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



50.1577, 98.1700, 18.5148



50.1562, 65.9285, 32.0602



50.1577, 19.3138, 34.7221

Triad

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



50.1577, 65.9230, 32.0609



50.1577, -58.3013, 18.4753



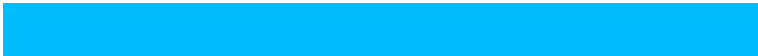
50.1577, 19.3892, -136.6851

Complementary

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



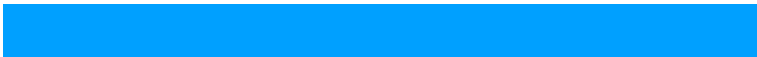
50.1562, 65.9285, 32.0602



66.0379, -17.5965, -44.5557

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.



50.1577, -21.4336, -136.7352



50.1562, 65.9285, 32.0602



50.1577, -58.2928, -20.8044

Square

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



50.1577, 65.9230, 32.0609



50.1577, -47.0835, 32.0516



50.1577, -47.0546, -84.3134



50.1577, 65.9932, -84.2059

Rectangle

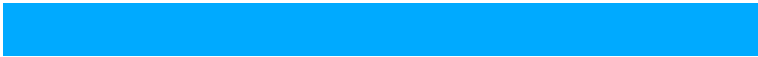
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.1562, 65.9285, 32.0602



50.1577, -9.3852, 34.9643



50.1577, -47.0546, -84.3134



50.1577, 4.3992, -143.6860

Sweetspot

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



50.1577, 65.9230, 32.0609



80.6360, 12.9345, 18.7505



50.0325, 93.2219, -26.1198



36.1487, 7.3113, 9.4402

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.1577, 65.9230, 32.0609



50.1576, 65.9242, 32.0610



76.5707, 5.6975, 47.2822



43.3028, 0.0326, 4.5789



36.5353, 46.8146, 23.3324



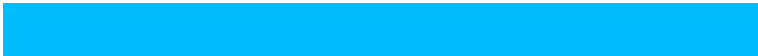
12.1132, 12.5617, 7.6840

Inverse Universe

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



66.0379, -17.5965, -44.5557



66.0378, -17.5962, -44.5565



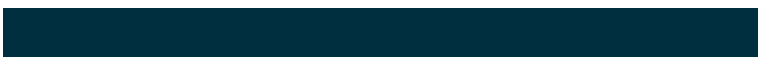
32.9528, 49.9616, -149.0405



44.3155, -4.5115, 0.1355



48.0016, -13.1036, -31.7109



15.5569, -4.9106, -8.8442

Previews

White Background



This preview shows how the HunterLab color 50.1562, 65.9285, 32.0602 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 50.1562, 65.9285, 32.0602 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 50.1562, 65.9285, 32.0602 Background



This preview shows how black text looks on a background with the HunterLab color 50.1562, 65.9285, 32.0602.



This preview shows how white text looks on a background with the HunterLab color 50.1562, 65.9285,

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

50.1562, 65.9285, 32.0602

Protanopia

50.2337, -6.7927, 29.4629

Deuteranopia

50.2307, 2.9684, 31.0039



Tritanopia

50.1963, 68.5214, 26.2233

Trichromacy



Original Color

50.1562, 65.9285, 32.0602

Protanomaly

47.6533, 19.2013, 28.9879

Deuteranomaly

48.1787, 26.4146, 30.1499

Tritanomaly

50.0868, 67.2800, 29.5578

Monochromacy



Original Color

50.1562, 65.9285, 32.0602

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.3974, 18.9799, 16.8134

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.1562, 65.9285, 32.0602 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(255, 66, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 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(255, 66, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.1562, 65.9285, 32.0602 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(255, 66, 0) }
```


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

```
.border{ border-color:rgb(255, 66, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 66, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 66, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 50.1562, 65.9285, 32.0602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 0) }
```

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

```
.background{ background-color: rgb(255, 66,  
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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