

Converting Colors

HunterLab(53.7186, 55.6495,
34.0754)

Have a look what the booklet for
HunterLab(53.7186, 55.6495,
34.0754) contains.

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Color

**HunterLab(53.7720, 55.5026,
34.1057)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5C00
RGB	255, 92, 0
RGB Percent	100%, 36%, 0%
CMY	0.0000, 0.6392, 1.0000
CMYK	0.00, 0.64, 1.00, 0.00
HSL	22°, 100%, 50%
HSV	22°, 100%, 100%
XYZ	45.0671, 28.9143, 3.2057
YIQ	130.2490, 126.6800, 5.9440

Conversions

Conversions Part 2

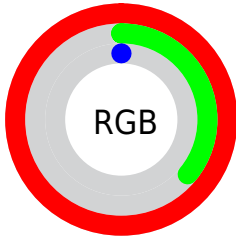
Format	Color
R_{YB}	255, 144, 0
Decimal	16735232
CIE _{Lab}	60.71, 59.26, 70.49
CIE _{LCh}	61, 92.092, 49.949
Yxy	28.9160, 0.5839, 0.3746
Android (android.graphics.Color)	4294925312 (0xFFFF5C00)
YUV	130.2490, -64.2128, 109.4066
Hunter-Lab	53.7720, 55.5026, 34.1057

Details

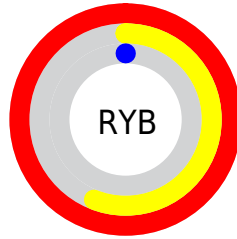
The HunterLab color **53.7720, 55.5026, 34.1057** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **57.8035, -4.9753, -61.5088**, and the grayscale version is **47.5569, -2.5375, 2.5839**.

A 20% lighter version of the original color is **65.4561, 29.5556, 36.0412**, and **34.2744, 51.7334, 22.0254** is the 20% darker color. If you saturate the color by 10%, you get **53.7729, 55.4992, 34.1062**, and if you desaturate by 10%, it is **56.6770, 48.2586, 34.7766**.

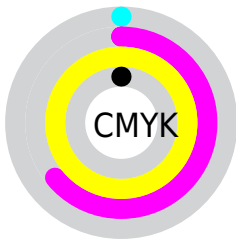
Distribution



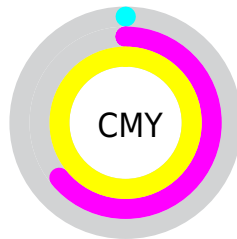
- Red (100%)
- Green (36%)
- Blue (0%)



- Red (100%)
- Yellow (56%)
- Blue (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 53.7720, 55.5026, 34.1057 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 53.7720, 55.5026, 34.1057 by changing the saturation by 10% instead.


 53.7720, 55.5026,
34.1057

 53.7720, 55.5026,
34.1057

172.2842, 69.2398,
72.7823


 43.6088, 53.4898,
28.8935


 76.1207, 59.2129,
43.8341


 34.1800, 51.4017,
23.9260


 88.2277, 60.9170,
48.3919


 25.5500, 49.2843,
17.8850


 100.9161, 62.5228,
52.7776

 17.8010, 47.2777,
12.4607

 114.1605, 64.0348,
57.0128

 11.0474, 45.8100,
7.7332

 127.9384, 65.4579,
61.1159


 2.7985, 104.8190,
1.9589

 142.2299, 66.7968,


0.0000, INF, NaN


65.1031


0.0000, NaN, NaN


 157.0172, 68.0560,
68.9880


0.0000, NaN, NaN


 53.7720, 55.5026,
34.1057


 53.7720, 55.5026,
34.1057


 53.7729, 55.4992,
34.1062

 56.6770, 48.2586,
34.7766

 60.0561, 40.9020,
34.6296

 63.8838, 33.7028,
33.5232

 68.1201, 26.8240,
31.5027

 72.7236, 20.3581,
28.6574

■ 77.6549, 14.3455,
25.0901

■ 82.8781, 8.7917,
20.9006

■ 88.3614, 3.6801,
16.1783

■ 94.0771, -1.0179,
11.0005

Harmonies

Analogous

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



53.7736, 89.1847, 22.2566



53.7720, 55.5026, 34.1057



53.7736, 11.0891, 36.5631

Triad

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



53.7736, 55.4975, 34.1064



53.7736, -59.2303, 14.1071



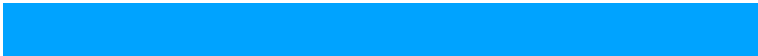
53.7736, 25.6876, -119.5920

Complementary

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



53.7720, 55.5026, 34.1057



57.8035, -4.9753, -61.5088

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.



53.7736, -15.5399, -128.6254



53.7720, 55.5026, 34.1057



53.7736, -57.4062, -28.1591

Square

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



53.7736, 55.4975, 34.1064



53.7736, -49.6688, 31.8046



53.7736, -43.6587, -87.4291



53.7736, 68.8078, -67.7661

Rectangle

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



53.7720, 55.5026, 34.1057



53.7736, -15.4197, 36.5653



53.7736, -43.6587, -87.4291



53.7736, 10.9432, -128.6887

Sweetspot

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



53.7736, 55.4975, 34.1064



82.8772, 8.7931, 20.9017



48.9939, 89.5035, -11.7567



37.3085, 5.1259, 10.5196

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.7736, 55.4975, 34.1064



53.7732, 55.4994, 34.1064



84.1171, -7.1752, 51.7068



43.6575, -0.5734, 4.9664



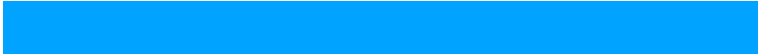
39.1991, 39.2200, 24.8409



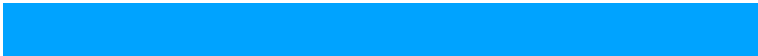
13.0173, 10.1925, 8.1996

Inverse Universe

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



57.8035, -4.9753, -61.5088



57.8030, -4.9743, -61.5107



29.3642, 62.5981, -171.8332



43.9481, -3.9164, -0.3070



42.1329, -4.1630, -43.6757



13.9135, -2.5057, -11.9815

Previews

White Background



This preview shows how the HunterLab color 53.7720, 55.5026, 34.1057 looks on a white background.

Color Contrast Check

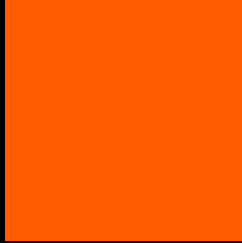
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.7720, 55.5026, 34.1057 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 53.7720, 55.5026, 34.1057 Background



This preview shows how black text looks on a background with the HunterLab color 53.7720, 55.5026, 34.1057.



This preview shows how white text looks on a background with the HunterLab color 53.7720, 55.5026,

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

53.7720, 55.5026, 34.1057

Protanopia

53.7972, -7.4213, 31.9426

Deuteranopia

53.6466, 3.4105, 33.1165



Tritanopia

53.8629, 60.3745, 23.1016

Trichromacy



Original Color

53.7720, 55.5026, 34.1057

Protanomaly

52.1776, 14.6696, 31.8058

Deuteranomaly

52.5554, 21.9366, 32.7684

Tritanomaly

53.5915, 58.1030, 29.4624

Monochromacy



Original Color

53.7720, 55.5026, 34.1057

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.1479, 13.9797, 19.0059

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.7720, 55.5026, 34.1057 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, 92, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 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, 92, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 53.7720, 55.5026, 34.1057 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, 92, 0) }
```


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

```
.border{ border-color:rgb(255, 92, 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, 92, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 92, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 53.7720, 55.5026, 34.1057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 0) }
```

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

```
.background{ background-color: rgb(255, 92,  
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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