

Converting Colors

HunterLab(60.1535, 30.5959,
34.2822)

Have a look what the booklet for
HunterLab(60.1535, 30.5959,
34.2822) contains.

HunterLab(60.1535, 30.5959, 34.2822)	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(60.1535, 30.5959,
34.2822)**

Conversions

Conversions Part 1

Format	Color
Hex	F28635
RGB	242, 134, 53
RGB Percent	95%, 53%, 21%
CMY	0.0510, 0.4745, 0.7921
CMYK	0.00, 0.45, 0.78, 0.05
HSL	26°, 88%, 58%
HSV	26°, 78%, 95%
XYZ	45.7856, 36.1844, 7.9392
YIQ	157.0580, 90.3690, -2.2950

Conversions

Conversions Part 2

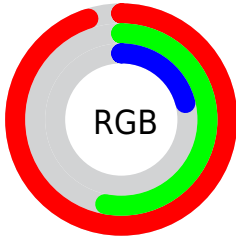
Format	Color
R_{YB}	242, 195, 53
Decimal	15894069
CIE _{Lab}	66.66, 35.65, 58.96
CIE _{LCh}	67, 68.905, 58.841
Yxy	36.1864, 0.5092, 0.4025
Android (android.graphics.Color)	4294084149 (0xFFFF28635)
YUV	157.0580, -51.3006, 74.4941
Hunter-Lab	60.1535, 30.5959, 34.2822

Details

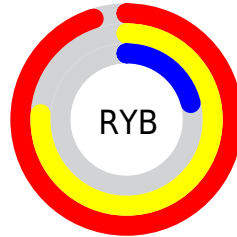
The HunterLab color **60.1535, 30.5959, 34.2822** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **57.1448, -5.5476, -52.0420**, and the grayscale version is **58.2672, -3.1090, 3.1658**.

A 20% lighter version of the original color is **76.3193, 10.9195, 36.8362**, and **39.8620, 28.3785, 25.0596** is the 20% darker color. If you saturate the color by 10%, you get **56.9570, 36.8870, 34.5457**, and if you desaturate by 10%, it is **63.6740, 24.6119, 33.0939**.

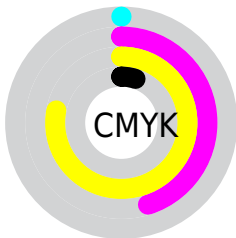
Distribution



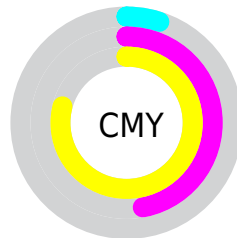
- Red (95%)
- Green (53%)
- Blue (21%)



- Red (95%)
- Yellow (76%)
- Blue (21%)



- Cyan (0%)
- Magenta (45%)
- Yellow (78%)
- Black (5%)



- Cyan (5%)
- Magenta (47%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.1535, 30.5959, 34.2822 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 60.1535, 30.5959, 34.2822 by changing the saturation by 10% instead.

60.1535, 30.5959,
34.2822

60.1535, 30.5959,
34.2822

181.5969, 36.7340,
66.6591

49.5764, 29.4700,
29.9565

83.2584, 32.5205,
42.3403

39.7027, 28.2298,
25.3898

95.7149, 33.3449,
46.1277

30.5886, 26.8617,
20.8366

108.7373, 34.0859,
49.7848

22.3037, 25.3615,
15.6126

122.3019, 34.7499,
53.3300

14.9410, 23.7488,
10.4587

136.3879, 35.3423,
56.7783

8.5880, 22.4338,
6.0116

150.9766, 35.8677,

0.0000, INF, NaN

60.1425

0.0000, NaN, NaN

166.0514, 36.3304,
63.4331

0.0000, NaN, NaN

■ 60.1535, 30.5959,
34.2822

■ 60.1535, 30.5959,
34.2822

■ 56.9570, 36.8870,
34.5457

■ 63.6740, 24.6119,
33.0939

■ 54.0998, 43.3521,
33.9502


■ 67.4882, 19.0271,
31.0118


■ 53.5928, 44.5688,
33.8039


■ 71.5712, 13.8755,
28.1045


■ 75.8979, 9.1661,
24.4534

■ 80.4449, 4.8886,
20.1410

 85.1913, 1.0212,
15.2450

 90.1183, -2.4642,
9.8350

 95.2094, -5.5982,
3.9725

 98.8014, -9.5308,
3.9406

Harmonies

Analogous

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



60.1551, 57.9363, 24.6007



60.1535, 30.5959, 34.2822



60.1551, -2.0103, 36.7538

Triad

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



60.1551, 30.5919, 34.2829



60.1551, -51.7035, 4.4029



60.1551, 28.0963, -69.9103

Complementary

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



60.1535, 30.5959, 34.2822



57.1448, -5.5476, -52.0420

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.



60.1551, -4.4063, -84.6467



60.1535, 30.5959, 34.2822



60.1551, -46.7895, -30.7249

Square

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



60.1551, 30.5919, 34.2829



60.1551, -45.9591, 25.7358



60.1551, -30.8865, -67.6169



60.1551, 56.3035, -33.7683

Rectangle

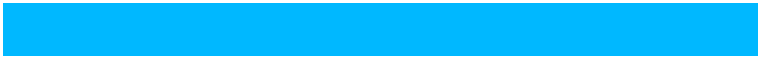
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.1535, 30.5959, 34.2822



60.1551, -21.1651, 35.9106



60.1551, -30.8865, -67.6169



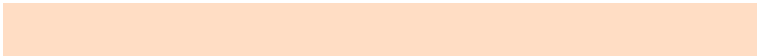
60.1551, 17.1276, -78.1459

Sweetspot

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



60.1551, 30.5919, 34.2829



87.8819, 3.0694, 18.8315



49.0681, 76.1008, -10.4431



39.8199, 2.1204, 9.5661

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



60.1551, 30.5919, 34.2829



58.5328, 43.3711, 36.3577



85.8269, -16.0011, 50.2791



41.0766, -0.9219, 4.8713



39.6089, 31.8355, 24.9642



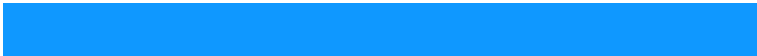
12.2424, 7.2126, 7.6700

Inverse Universe

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



57.1448, -5.5476, -52.0420



54.6499, 0.7919, -68.9517



33.7542, 44.6222, -125.9740



40.9002, -3.2871, -0.5447



36.7809, 1.8877, -50.0479



11.5000, -0.9672, -12.2861

Previews

White Background



This preview shows how the HunterLab color 60.1535, 30.5959, 34.2822 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 60.1535, 30.5959, 34.2822 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 60.1535, 30.5959, 34.2822 Background



This preview shows how black text looks on a background with the HunterLab color 60.1535, 30.5959, 34.2822.



This preview shows how white text looks on a background with the HunterLab color 60.1535, 30.5959,

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

60.1535, 30.5959, 34.2822

Protanopia

60.2952, -7.8353, 32.6751

Deuteranopia

60.1214, 4.4936, 34.5762



Tritanopia

60.2194, 42.3499, 15.2805

Trichromacy



Original Color

60.1535, 30.5959, 34.2822

Protanomaly

59.5470, 5.5677, 32.8044

Deuteranomaly

59.9955, 13.7238, 34.3377

Tritanomaly

60.1107, 37.5105, 24.5144

Monochromacy



Original Color

60.1535, 30.5959, 34.2822

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

57.8949, 6.0286, 17.9068

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.1535, 30.5959, 34.2822 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, 134, 53)` looks like.

```
.text, #text, p{  
    color:rgb(242, 134, 53)  
}
```

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, 134, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 134, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 60.1535, 30.5959, 34.2822 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, 134, 53) }
```


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

```
.border{ border-color:rgb(242, 134, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 134, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 134, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 134, 53);  
box-shadow:4px 4px 4px 4px rgb(242, 134,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.1535, 30.5959, 34.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 134, 53) }
```

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

```
.background{ background-color: rgb(242,  
134, 53) }
```

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