

Converting Colors

HunterLab(53.6932, 37.4925,
28.1356)

Have a look what the booklet for
HunterLab(53.6932, 37.4925,
28.1356) contains.

HunterLab(53.8135, 37.5227, 28.3065)	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(53.8135, 37.5227,
28.3065)**

Conversions

Conversions Part 1

Format	Color
Hex	E77041
RGB	231, 112, 65
RGB Percent	91%, 44%, 25%
CMY	0.0941, 0.5608, 0.7451
CMYK	0.00, 0.52, 0.72, 0.09
HSL	17°, 78%, 58%
HSV	17°, 72%, 91%
XYZ	39.7033, 28.9589, 8.4981
YIQ	142.2230, 86.0110, 10.6110

Conversions

Conversions Part 2

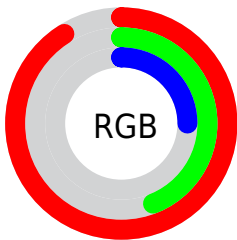
Format	Color
R _Y B	231, 131, 65
Decimal	15167553
CIE Lab	60.75, 42.96, 46.85
CIE LCh	61, 63.566, 47.478
Yxy	28.9605, 0.5145, 0.3753
Android (android.graphics.Color)	4293357633 (0xFFE77041)
YUV	142.2230, -38.0709, 77.8574
Hunter-Lab	53.8135, 37.5227, 28.3065

Details

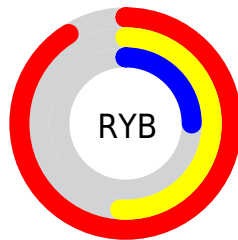
The HunterLab color **53.8135, 37.5227, 28.3065** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **64.1651, -18.4200, -30.6410**, and the grayscale version is **52.2233, -2.7865, 2.8374**.

A 20% lighter version of the original color is **70.5480, 23.2180, 30.2465**, and **34.2113, 34.4199, 20.8339** is the 20% darker color. If you saturate the color by 10%, you get **50.4191, 44.5421, 29.2827**, and if you desaturate by 10%, it is **57.6902, 30.5844, 26.5726**.

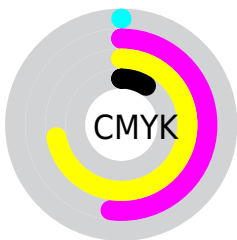
Distribution



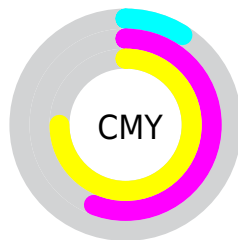
- Red (91%)
- Green (44%)
- Blue (25%)



- Red (91%)
- Yellow (51%)
- Blue (25%)



- Cyan (0%)
- Magenta (52%)
- Yellow (72%)
- Black (9%)



- Cyan (9%)
- Magenta (56%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.8135, 37.5227, 28.3065 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 53.8135, 37.5227, 28.3065 by changing the saturation by 10% instead.

53.8135, 37.5227,
28.3065

53.8135, 37.5227,
28.3065

172.3452, 46.4264,
55.3914

43.6474, 36.0440,
24.6805

76.1671, 40.1281,
35.0301

34.2156, 34.4486,
20.8243

88.2765, 41.2779,
38.1868

25.5823, 32.7370,
16.9092

100.9672, 42.3343,
41.2373

17.8296, 30.9431,
12.4807

114.2137, 43.3041,
44.1987

11.0718, 29.2070,
7.7503

127.9937, 44.1932,
47.0846

2.8753, 67.0374,
2.0127

142.2872, 45.0068,

0.0000, INF, NaN

49.9061

0.0000, NaN, NaN

157.0764, 45.7499,
52.6725

0.0000, NaN, NaN

■ 53.8135, 37.5227,
28.3065

■ 53.8135, 37.5227,
28.3065

■ 50.4191, 44.5421,
29.2827

■ 57.6902, 30.5844,
26.5726

■ 47.5513, 51.3929,
29.4435

■ 61.9919, 23.9083,
24.1785


■ 45.6256, 56.5718,
29.1047


■ 66.6692, 17.5833,
21.2330


■ 71.6758, 11.6468,
17.8351

■ 76.9712, 6.1008,
14.0684

 82.5208, 0.9263,
10.0003

 88.2951, -3.9058,
5.6839

 94.2695, -8.4289,
1.1605

 97.8411, -12.9294,
2.7322

Harmonies

Analogous

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



53.8150, 57.0921, 15.9015



53.8135, 37.5227, 28.3065



53.8150, 9.0192, 32.4679

Triad

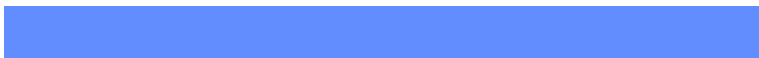
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.8150, 37.5187, 28.3072



53.8150, -45.2195, 12.6933



53.8150, 13.8633, -70.0522

Complementary

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



53.8135, 37.5227, 28.3065



64.1651, -18.4200, -30.6410

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.



53.8150, -13.8170, -72.4526



53.8135, 37.5227, 28.3065



53.8150, -44.4379, -14.3822

Square

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



53.8150, 37.5187, 28.3072



53.8150, -36.4312, 26.9709



53.8150, -34.0274, -48.5789



53.8150, 41.6701, -43.0867

Rectangle

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



53.8135, 37.5227, 28.3065



53.8150, -9.5544, 32.6807



53.8150, -34.0274, -48.5789



53.8150, 4.1484, -74.1119

Sweetspot

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



53.8150, 37.5187, 28.3072



85.9481, 6.9798, 15.8513



49.3417, 72.0545, -24.6473



39.0035, 3.9935, 7.8807

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.8150, 37.5187, 28.3072



54.8484, 53.4027, 32.9539



74.2879, -3.0940, 41.7301



38.7675, -0.1237, 4.1505



34.4273, 41.5778, 21.9419



10.1484, 9.1214, 6.4131

Inverse Universe

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



64.1651, -18.4200, -30.6410



67.5911, -18.4194, -41.6617



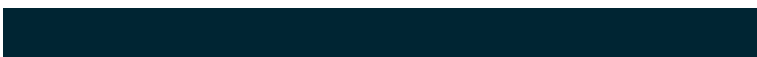
40.9153, 22.3153, -83.9499



39.5099, -3.8844, 0.0511



43.1981, -10.3119, -31.7335



12.3888, -3.7358, -7.4204

Previews

White Background



This preview shows how the HunterLab color 53.8135, 37.5227, 28.3065 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 53.8135, 37.5227, 28.3065 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 53.8135, 37.5227, 28.3065 Background



This preview shows how black text looks on a background with the HunterLab color 53.8135, 37.5227, 28.3065.



This preview shows how white text looks on a background with the HunterLab color 53.8135, 37.5227,

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

53.8135, 37.5227, 28.3065

Protanopia

53.9172, -6.1647, 25.5968

Deuteranopia

53.9712, 3.6793, 28.9238



Tritanopia

53.7090, 44.9152, 16.3078

Trichromacy



Original Color

53.8135, 37.5227, 28.3065

Protanomaly

52.9933, 8.9466, 25.9515

Deuteranomaly

53.4617, 15.4362, 28.3169

Tritanomaly

53.5961, 41.9318, 21.5178

Monochromacy



Original Color

53.8135, 37.5227, 28.3065

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

51.4258, 9.3075, 13.4973

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.8135, 37.5227, 28.3065 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(231, 112, 65)` looks like.

```
.text, #text, p{  
    color:rgb(231, 112, 65)  
}
```

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(231, 112, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 112, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 53.8135, 37.5227, 28.3065 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(231, 112, 65) }
```


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

```
.border{ border-color:rgb(231, 112, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 112, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 112, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 112, 65);  
box-shadow:4px 4px 4px 4px rgb(231, 112,  
65) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.8135, 37.5227, 28.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 112, 65) }
```

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

```
.background{ background-color: rgb(231,  
112, 65) }
```

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