

Converting Colors

HunterLab(55.5952, -42.3509,
30.0676)

Have a look what the booklet for
HunterLab(55.5952, -42.3509,
30.0676) contains.

HunterLab(55.6303, -42.3596, 30.0750)	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(55.6303,
-42.3596, 30.0750)**

Conversions

Conversions Part 1

Format	Color
Hex	37AD34
RGB	55, 173, 52
RGB Percent	22%, 68%, 20%
CMY	0.7843, 0.3216, 0.7961
CMYK	0.68, 0.00, 0.70, 0.32
HSL	119°, 54%, 44%
HSV	119°, 70%, 68%
XYZ	17.1389, 30.9473, 8.3189
YIQ	123.9240, -31.4870, -62.6470

Conversions

Conversions Part 2

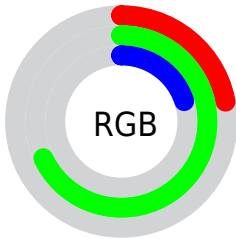
Format	Color
RYB	52, 173, 170
Decimal	3648820
CIELab	62.46, -55.73, 50.41
CIELCh	62, 75.146, 137.864
Yxy	30.9486, 0.3039, 0.5487
Android (android.graphics.Color)	4281838900 (0xFF37AD34)
YUV	123.9240, -35.4585, -60.4463
Hunter-Lab	55.6303, -42.3596, 30.0750

Details

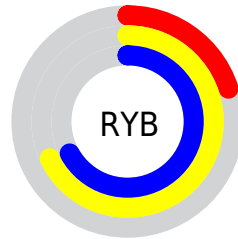
The HunterLab color **55.6303, -42.3596, 30.0750** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **37.4440, 55.3221, -38.5626**, and the grayscale version is **45.0092, -2.4016, 2.4454**.

A 20% lighter version of the original color is **78.3553, -50.1381, 37.2916**, and **36.3231, -31.1470, 21.8368** is the 20% darker color. If you saturate the color by 10%, you get **55.1566, -44.5913, 31.5220**, and if you desaturate by 10%, it is **56.2980, -39.2599, 28.0215**.

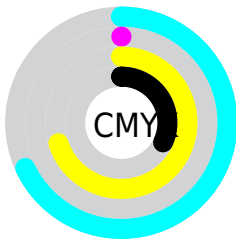
Distribution



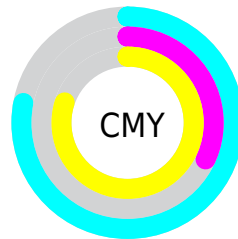
- Red (22%)
- Green (68%)
- Blue (20%)



- Red (20%)
- Yellow (68%)
- Blue (67%)



- Cyan (68%)
- Magenta (0%)
- Yellow (70%)
- Black (32%)





- Cyan (78%)
- Magenta (32%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.6303, -42.3596, 30.0750 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 55.6303, -42.3596, 30.0750 by changing the saturation by 10% instead.


 55.6303, -42.3596,
30.0750


 55.6303, -42.3596,
30.0750


175.0147,
-72.5964, 58.7382


 45.3428, -38.2902,
26.2357


 78.2043, -49.8779,
37.2002

 35.7806, -33.9337,
22.1616


 90.4155, -53.4033,
40.5458


 27.0050, -29.1970,
18.0504


 103.2033,
-56.8090, 43.7773

 19.0941, -23.9357,
13.3658

 116.5430,
-60.1143, 46.9124

 12.1552, -21.2716,
8.5086

 130.4125,
-63.3346, 49.9653

 5.2231, -9.1404,
3.6561

 144.7924,

0.0000, NaN, NaN

-66.4820, 52.9477

0.0000, NaN, NaN

159.6650,
-69.5665, 55.8693

0.0000, NaN, NaN

■ 55.6303, -42.3596,
30.0750

■ 55.6303, -42.3596,
30.0750

■ 55.1566, -44.5913,
31.5220

■ 56.2980, -39.2599,
28.0215

■ 54.8565, -46.0077,
32.4057

■ 57.1675, -35.2731,
25.3448

■ 54.6964, -46.7677,
32.8817

■ 58.2466, -30.4158,
22.0532

■ 54.6956, -46.7716,
32.8843

■ 59.5376, -24.7309,
18.1740

■ 61.0394, -18.2815,
13.7496

■ 62.7481, -11.1439,
8.8321

■ 64.6574, -3.4015,
3.4792

■ 66.7593, 4.8612,
-2.2503

■ 69.0446, 13.5629,
-8.2993

Harmonies

Analogous

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



55.6315, -20.9853, 35.1822



55.6303, -42.3596, 30.0750



55.6315, -52.0853, 14.1978

Triad

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



55.6315, -42.3604, 30.0753



55.6315, -15.5894, -93.0088



55.6315, 70.4648, 18.4366

Complementary

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



55.6303, -42.3596, 30.0750



37.4440, 55.3221, -38.5626

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.



55.6315, 72.8645, -11.0800



55.6303, -42.3596, 30.0750



55.6315, 17.6735, -89.3571

Square

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



55.6315, -42.3604, 30.0753



55.6315, -39.2002, -62.1436



55.6315, 51.7918, -53.9447



55.6315, 45.8410, 31.6377

Rectangle

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



55.6303, -42.3596, 30.0750



55.6315, -52.5824, -5.7987



55.6315, 51.7918, -53.9447



55.6315, 74.0738, 10.6103

Sweetspot

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



55.6315, -42.3604, 30.0753



81.3814, -25.7551, 19.2870



61.2351, -13.7748, 34.3455



37.6816, -13.1027, 9.7440



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



55.6315, -42.3604, 30.0753



73.5636, -60.8492, 42.9252



56.3128, -38.0282, 18.9579



29.9140, -5.0771, 4.0469



46.8835, -40.0708, 28.1879



7.8388, -6.6016, 4.7147

Inverse Universe

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



37.4440, 55.3221, -38.5626



46.7264, 84.6763, -59.5688



35.5168, 46.6347, -5.1551



28.5269, 2.1208, -0.9920



28.9727, 57.2669, -40.5815



4.8642, 9.5977, -6.6832

Previews

White Background



This preview shows how the HunterLab color 55.6303, -42.3596, 30.0750 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 55.6303, -42.3596, 30.0750 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 55.6303, -42.3596, 30.0750 Background



This preview shows how black text looks on a background with the HunterLab color 55.6303, -42.3596, 30.0750.



This preview shows how white text looks on a background with the HunterLab color 55.6303,

-42.3596, 30.0750.

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

55.6303, -42.3596, 30.0750

Protanopia

55.0770, -7.1042, 31.0313

Deuteranopia

55.1751, 3.6343, 29.0089



Tritanopia

55.6435, -18.4977, -9.2518

Trichromacy



Original Color

55.6303, -42.3596, 30.0750



Protanomaly

54.0177, -23.4427, 29.8058



Deuteranomaly

53.6938, -18.0804, 28.2004



Tritanomaly

55.1181, -29.8499, 10.7233

Monochromacy



Original Color

55.6303, -42.3596, 30.0750



Achromatopsia

44.8950, -2.3955, 2.4392



Achromatomaly

47.8336, -20.1834, 14.7986

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.6303, -42.3596, 30.0750 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(55, 173, 52)` looks like.

```
.text, #text, p{  
    color:rgb(55, 173, 52)  
}
```

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(55, 173, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 173, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 55.6303, -42.3596, 30.0750 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(55, 173, 52) }
```


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

```
.border{ border-color:rgb(55, 173, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 173, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 173, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 173, 52);  
box-shadow:4px 4px 4px 4px rgb(55, 173,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.6303, -42.3596, 30.0750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 173, 52) }
```

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

```
.background{ background-color: rgb(55, 173,  
52) }
```

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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