

Converting Colors

HunterLab(53.5581, -38.2334,
30.2670)

Have a look what the booklet for
HunterLab(53.5581, -38.2334,
30.2670) contains.

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Color

**HunterLab(53.6925,
-38.3308, 30.3891)**

Conversions

Conversions Part 1

Format	Color
Hex	49A626
RGB	73, 166, 38
RGB Percent	29%, 65%, 15%
CMY	0.7137, 0.3490, 0.8510
CMYK	0.56, 0.00, 0.77, 0.35
HSL	104°, 63%, 40%
HSV	104°, 77%, 65%
XYZ	16.7337, 28.8288, 6.5163
YIQ	123.6010, -14.3400, -59.5240

Conversions

Conversions Part 2

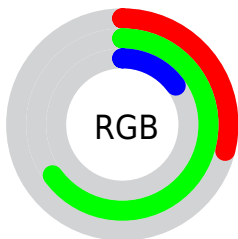
Format	Color
R_{YB}	38, 166, 131
Decimal	4826662
CIE _{Lab}	60.63, -50.07, 53.89
CIE _{LCh}	61, 73.560, 132.895
Yxy	28.8301, 0.3213, 0.5536
Android (android.graphics.Color)	4283016742 (0xFF49A626)
YUV	123.6010, -42.2013, -44.3771
Hunter-Lab	53.6925, -38.3308, 30.3891

Details

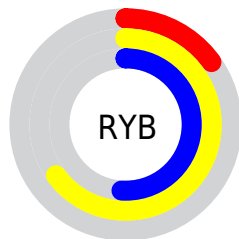
The HunterLab color $53.6925, -38.3308, 30.3891$ is a dark color, and the websafe version is hex 339900 . A complement of this color would be $29.9431, 48.5721, -52.1366$, and the grayscale version is $44.9038, -2.3960, 2.4397$.

A 20% lighter version of the original color is $76.0646, -45.2126, 38.0070$, and $34.3661, -29.4689, 20.6603$ is the 20% darker color. If you saturate the color by 10%, you get $53.2160, -40.4775, 31.2703$, and if you desaturate by 10%, it is $54.2954, -35.6140, 28.9400$.

Distribution



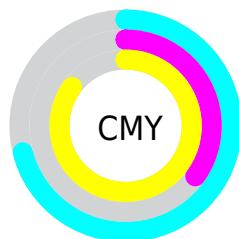
- Red (29%)
- Green (65%)
- Blue (15%)



- Red (15%)
- Yellow (65%)
- Blue (51%)



- Cyan (56%)
- Magenta (0%)
- Yellow (77%)
- Black (35%)



- Cyan (71%)
- Magenta (35%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.6925, -38.3308, 30.3891 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 53.6925, -38.3308, 30.3891 by changing the saturation by 10% instead.

■ 53.6925, -38.3308,
30.3891

■ 53.6925, -38.3308,
30.3891

172.1663,
-66.1232, 60.9176

■ 43.5342, -34.6110,
26.2683

■ 76.0309, -45.2119,
38.0225

■ 34.1113, -30.6289,
21.8968

■ 88.1334, -48.4440,
41.5972

■ 25.4877, -26.2953,
17.8414

■ 100.8175,
-51.5705, 45.0436

■ 17.7457, -21.4670,
12.4220

■ 114.0578,
-54.6091, 48.3810

■ 11.0003, -19.2505,
7.7002

■ 127.8317,
-57.5736, 51.6253

■ 2.6438, -4.6266,
1.8506

■ 142.1194,

0.0000, NaN, NaN

-60.4750, 54.7892

0.0000, NaN, NaN

156.9029,
-63.3224, 57.8836

0.0000, NaN, NaN

■ 53.6925, -38.3308,
30.3891

■ 53.6925, -38.3308,
30.3891

■ 53.2160, -40.4775,
31.2703

■ 54.2954, -35.6140,
28.9400

■ 52.8527, -42.0898,
31.6759

■ 55.0267, -32.3154,
26.8809

■ 52.7639, -42.4849,
31.7691

■ 55.8910, -28.4423,
24.1923

■ 56.8896, -24.0142,
20.8722

■ 58.0224, -19.0605,
16.9328

■ 59.2881, -13.6178,
12.3978

■ 60.6839, -7.7278,
7.2995

■ 62.2064, -1.4346,
1.6758

■ 63.8515, 5.2173,
-4.4319

Harmonies

Analogous

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



53.6936, -15.7865, 34.2709



53.6925, -38.3308, 30.3891



53.6936, -49.5345, 17.3147

Triad

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



53.6936, -38.3317, 30.3893



53.6936, -19.6214, -87.0807



53.6936, 70.2695, 14.3045

Complementary

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



53.6925, -38.3308, 30.3891



29.9431, 48.5721, -52.1366

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.



53.6936, 68.5617, -17.0460



53.6925, -38.3308, 30.3891



53.6936, 11.4010, -89.6821

Square

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



53.6936, -38.3317, 30.3893



53.6936, -40.5761, -53.3052



53.6936, 45.1552, -59.1435



53.6936, 49.3892, 29.2828

Rectangle

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



53.6925, -38.3308, 30.3891



53.6936, -51.1346, -0.0848



53.6936, 45.1552, -59.1435



53.6936, 72.4377, 5.7657

Sweetspot

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



53.6936, -38.3317, 30.3893



78.7717, -23.0542, 20.6551



49.1353, 1.2891, 28.0862



36.9905, -12.0859, 10.7412



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



53.6936, -38.3317, 30.3893



71.3054, -56.2380, 42.5723



52.9869, -40.8076, 26.2136



29.1604, -4.3734, 4.0877



46.4848, -37.3180, 27.9904



7.4198, -5.1159, 4.4825

Inverse Universe

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



29.9431, 48.5721, -52.1366



36.0373, 73.1087, -84.2365



33.6701, 52.5503, -20.8543



27.4991, 1.4619, -1.1802



22.9991, 48.6692, -57.0946



3.8990, 8.0093, -7.8076

Previews

White Background



This preview shows how the HunterLab color 53.6925, -38.3308, 30.3891 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 53.6925, -38.3308, 30.3891 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 53.6925, -38.3308, 30.3891 Background



This preview shows how black text looks on a background with the HunterLab color 53.6925, -38.3308, 30.3891.



This preview shows how white text looks on a background with the HunterLab color 53.6925,

-38.3308, 30.3891.

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

53.6925, -38.3308, 30.3891

Protanopia

53.3424, -7.4908, 31.1389

Deuteranopia

53.2469, 3.8860, 29.5184



Tritanopia

53.6415, -15.2531, -7.6223

Trichromacy



Original Color

53.6925, -38.3308, 30.3891

Protanomaly

52.5829, -21.0704, 30.2396

Deuteranomaly

52.0844, -14.9339, 28.8904

Tritanomaly

53.1291, -26.4101, 12.4457

Monochromacy



Original Color

53.6925, -38.3308, 30.3891

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

47.1792, -18.1161, 15.7402

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.6925, -38.3308, 30.3891 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(73, 166, 38)` looks like.

```
.text, #text, p{  
    color:rgb(73, 166, 38)  
}
```

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(73, 166, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 166, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 53.6925, -38.3308, 30.3891 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(73, 166, 38) }
```


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

```
.border{ border-color:rgb(73, 166, 38) }
```

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

Here you see how a box with a 4 pixel rgb(73, 166, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 166, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 166, 38);  
box-shadow:4px 4px 4px 4px rgb(73, 166,  
38) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.6925, -38.3308, 30.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 166, 38) }
```

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

```
.background{ background-color: rgb(73, 166,  
38) }
```

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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