

Converting Colors

HunterLab(35.9936, 18.9266,
-51.2855)

Have a look what the booklet for
HunterLab(35.9936, 18.9266,
-51.2855) contains.

HunterLab(35.9936, 18.9266, -51.2855)	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(35.9936, 18.9266,
-51.2855)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5AB7
RGB	91, 90, 183
RGB Percent	36%, 35%, 72%
CMY	0.6431, 0.6471, 0.2824
CMYK	0.50, 0.51, 0.00, 0.28
HSL	241°, 39%, 54%
HSV	241°, 51%, 72%
XYZ	16.5178, 12.9554, 46.4299
YIQ	100.9010, -29.2570, 29.1350

Conversions

Conversions Part 2

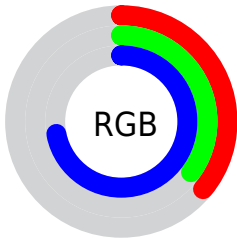
Format	Color
R_{YB}	91, 90, 183
Decimal	5986999
CIE _{Lab}	42.70, 26.02, -49.34
CIE _{LCh}	43, 55.779, 297.811
Yxy	12.9558, 0.2176, 0.1707
Android (android.graphics.Color)	4284177079 (0xFF5B5AB7)
YUV	100.9010, 40.4748, -8.6832
Hunter-Lab	35.9936, 18.9266, -51.2855

Details

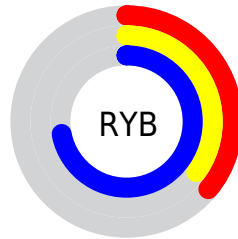
The HunterLab color **35.9936, 18.9266, -51.2855** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **66.7460, -14.9942, 32.2735**, and the grayscale version is **35.8984, -1.9154, 1.9504**.

A 20% lighter version of the original color is **55.9021, 20.7587, -52.6241**, and **19.1772, 16.9652, -52.0971** is the 20% darker color. If you saturate the color by 10%, you get **30.7046, 25.2463, -67.1461**, and if you desaturate by 10%, it is **41.7920, 13.4042, -37.5709**.

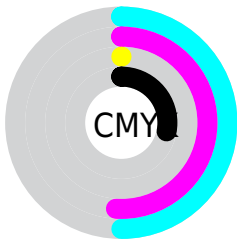
Distribution



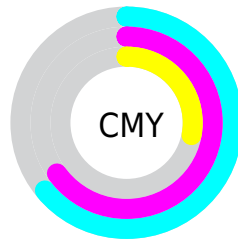
- Red (36%)
- Green (35%)
- Blue (72%)



- Red (36%)
- Yellow (35%)
- Blue (72%)



- Cyan (50%)
- Magenta (51%)
- Yellow (0%)
- Black (28%)



- Cyan (64%)
- Magenta (65%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.9936, 18.9266, -51.2855 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 35.9936, 18.9266, -51.2855 by changing the saturation by 10% instead.

■ 35.9936, 18.9266,
-51.2855

■ 35.9936, 18.9266,
-51.2855

■ 145.1325, 23.4765,
-57.2670

■ 27.1995, 17.9278,
-51.2254

■ 55.8788, 20.5526,
-52.3508

■ 19.2674, 16.7833,
-51.9785

■ 66.8611, 21.2067,
-53.0629

■ 12.3043, 15.4859,
-54.6623

■ 78.4813, 21.7697,
-53.8068

■ 5.4638, 20.5412,
-76.3384

■ 90.7062, 22.2503,
-54.5517

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 103.5072, 22.6557,
-55.2792

0.0000, NaN, -NF

116.8594, 22.9919,

0.0000, NaN, NaN

-55.9782

0.0000, NaN, NaN

130.7410, 23.2640,
-56.6421

■ 35.9936, 18.9266,
-51.2855

■ 35.9936, 18.9266,
-51.2855

■ 30.7046, 25.2463,
-67.1461

■ 41.7920, 13.4042,
-37.5709

■ 26.0929, 32.3468,
-85.1530

■ 47.9823, 8.5464,
-25.6418

■ 22.3934, 39.7525,
-104.1204

■ 54.4865, 4.2070,
-15.1017

■ 19.8697, 46.1278,
-120.6293

■ 61.2497, 0.2622,
-5.6203

■ 18.5247, 50.1796,
-131.0931

■ 68.2330, -3.3839,
3.0573

■ 75.4074, -6.8032,
11.1220

■ 82.7510, -10.0493,
18.7161

■ 90.2466, -13.1625,
25.9464

■ 97.8806, -16.1730,
32.8933

Harmonies

Analogous

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



35.9942, -3.4520, -61.4636



35.9936, 18.9266, -51.2855



35.9942, 39.0343, -25.1064

Triad

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



35.9942, 18.9270, -51.2844



35.9942, 22.2197, 21.6667



35.9942, -34.0445, 3.3959

Complementary

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



35.9936, 18.9266, -51.2855



66.7460, -14.9942, 32.2735

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.



35.9942, -30.1237, 17.0056



35.9936, 18.9266, -51.2855



35.9942, -0.3670, 23.0893

Square

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



35.9942, 18.9270, -51.2844



35.9942, 41.2215, 15.6709



35.9942, -18.8952, 22.0681



35.9942, -31.1337, -20.9722

Rectangle

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



35.9936, 18.9266, -51.2855



35.9942, 46.6764, -7.1335



35.9942, -18.8952, 22.0681



35.9942, -33.5056, 9.1640

Sweetspot

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



35.9942, 18.9270, -51.2844



77.9214, 2.6327, -12.9901



62.8171, -25.5420, -4.0242



35.7279, 1.7604, -7.3626



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



35.9942, 18.9270, -51.2844



40.3047, 34.8657, -92.5844



40.0097, 30.0906, -41.2083



29.5364, -0.1395, -2.0353



15.4787, 41.9161, -109.4407



2.9331, 7.8895, -20.3251

Inverse Universe

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



45.5601, 44.1858, -28.7438



56.3931, 72.0013, -47.0954



63.1520, -28.5074, 29.3333



30.2672, 2.3310, -1.0088



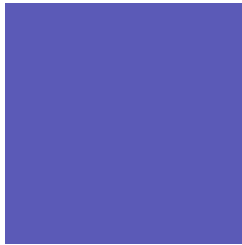
30.5810, 59.9859, -39.2703



5.7465, 11.2790, -7.4339

Previews

White Background



This preview shows how the HunterLab color 35.9936, 18.9266, -51.2855 looks on a white 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

Black Background



This preview shows how the HunterLab color 35.9936, 18.9266, -51.2855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

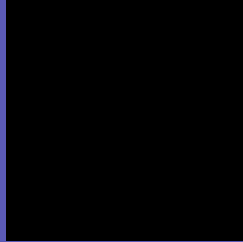
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 35.9936, 18.9266, -51.2855 Background



This preview shows how black text looks on a background with the HunterLab color 35.9936, 18.9266, -51.2855.



This preview shows how white text looks on a background with the HunterLab color 35.9936, 18.9266, -51.2855.

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

35.9936, 18.9266, -51.2855

Protanopia

36.2628, 10.5644, -58.0600

Deuteranopia

35.9965, 2.9528, -48.8895



Tritanopia

36.1321, -9.4916, -4.5169

Trichromacy



Original Color

35.9936, 18.9266, -51.2855

Protanomaly

35.9239, 13.0753, -56.1576

Deuteranomaly

35.5702, 7.1789, -50.8240

Tritanomaly

35.8057, -0.1991, -19.0241

Monochromacy



Original Color

35.9936, 18.9266, -51.2855

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

35.6784, 4.1091, -13.6264

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.9936, 18.9266, -51.2855 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(91, 90, 183)` looks like.

```
.text, #text, p{  
    color:rgb(91, 90, 183)  
}
```

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(91, 90, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 90, 183) }
```

Border

The CSS property to change the border of an element to HunterLab 35.9936, 18.9266, -51.2855 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(91, 90, 183) }
```


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

```
.border{ border-color:rgb(91, 90, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 90, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 90, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 90, 183);  
box-shadow:4px 4px 4px 4px rgb(91, 90,  
183) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.9936, 18.9266, -51.2855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 90, 183) }
```

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

```
.background{ background-color: rgb(91, 90,  
183) }
```

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