

Converting Colors

HunterLab(40.2707, 18.2940,
-53.2521)

Have a look what the booklet for
HunterLab(40.2707, 18.2940,
-53.2521) contains.

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Color

**HunterLab(40.2897, 18.5000,
-53.4712)**

Conversions

Conversions Part 1

Format	Color
Hex	6366C6
RGB	99, 102, 198
RGB Percent	39%, 40%, 78%
CMY	0.6117, 0.6000, 0.2235
CMYK	0.50, 0.48, 0.00, 0.22
HSL	238°, 46%, 58%
HSV	238°, 50%, 78%
XYZ	20.0900, 16.2326, 55.5004
YIQ	112.0470, -32.6040, 29.2200

Conversions

Conversions Part 2

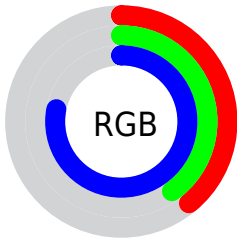
Format	Color
R _Y B	99, 102, 198
Decimal	6514374
CIE Lab	47.28, 25.09, -50.66
CIE LCh	47, 56.534, 296.347
Yxy	16.2331, 0.2188, 0.1768
Android (android.graphics.Color)	4284704454 (0xFF6366C6)
YUV	112.0470, 42.3748, -11.4422
Hunter-Lab	40.2897, 18.5000, -53.4712

Details

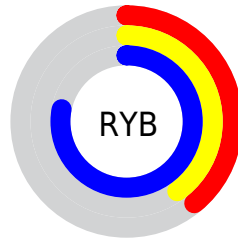
The HunterLab color $40.2897, 18.5000, -53.4712$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $72.0685, -14.5219, 34.4418$, and the grayscale version is $40.1234, -2.1409, 2.1800$.

A 20% lighter version of the original color is $60.8038, 19.7063, -54.4403$, and $22.6867, 16.6397, -53.6432$ is the 20% darker color. If you saturate the color by 10%, you get $34.5027, 25.0486, -70.1101$, and if you desaturate by 10%, it is $46.5932, 12.8432, -39.0500$.

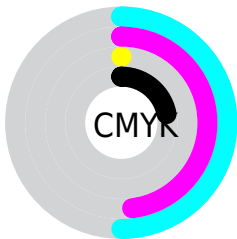
Distribution



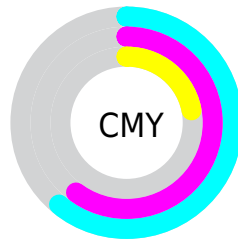
- Red (39%)
- Green (40%)
- Blue (78%)



- Red (39%)
- Yellow (40%)
- Blue (78%)



- Cyan (50%)
- Magenta (48%)
- Yellow (0%)
- Black (22%)



- Cyan (61%)
- Magenta (60%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2897, 18.5000, -53.4712 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 40.2897, 18.5000, -53.4712 by changing the saturation by 10% instead.

■ 40.2897, 18.5000,
-53.4712

■ 40.2897, 18.5000,
-53.4712

■ 151.8926, 22.3754,
-59.6262

■ 31.1276, 17.6067,
-53.2604

■ 60.8297, 19.9395,
-54.6473

■ 22.7891, 16.5757,
-53.6739

■ 72.1088, 20.5106,
-55.3800

■ 15.3662, 15.3916,
-55.4694

■ 84.0099, 20.9962,
-56.1362

■ 8.9767, 14.1277,
-61.0072

■ 96.5020, 21.4041,
-56.8890

0.0000, INF, -NF

0.0000, NaN, -NF

■ 109.5585, 21.7409,
-57.6225

0.0000, NaN, -NF

■ 123.1558, 22.0120,

0.0000, NaN, NaN

-58.3268

0.0000, NaN, NaN

137.2734, 22.2222,
-58.9959

■ 40.2897, 18.5000,
-53.4712

■ 40.2897, 18.5000,
-53.4712

■ 34.5027, 25.0486,
-70.1101

■ 46.5932, 12.8432,
-39.0500

■ 29.3961, 32.5464,
-89.0742

■ 53.2975, 7.9119,
-26.4532

■ 25.2026, 40.6635,
-109.4458

■ 60.3256, 3.5430,
-15.2749

■ 22.1984, 48.2341,
-128.1742

■ 67.6226, -0.3971,
-5.1814

■ 20.5121, 53.3729,
-140.8544

■ 75.1492, -4.0104,
4.0848

■ 20.5118, 53.3738,
-140.8567

■ 82.8760, -7.3735,
12.7171

■ 90.7805, -10.5435,
20.8604

■ 98.4161, -14.0835,
28.2106

Harmonies

Analogous

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



40.2904, -4.8246, -62.6223



40.2897, 18.5000, -53.4712



40.2904, 39.6851, -27.2639

Triad

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



40.2904, 18.5004, -53.4700



40.2904, 24.2118, 23.4202



40.2904, -36.4012, 4.6852

Complementary

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



40.2897, 18.5000, -53.4712



72.0685, -14.5219, 34.4418

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.



40.2904, -31.7799, 18.7816



40.2897, 18.5000, -53.4712



40.2904, 0.5922, 25.2748

Square

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



40.2904, 18.5004, -53.4700



40.2904, 43.4505, 16.3274



40.2904, -19.3338, 24.2058



40.2904, -33.6048, -20.1947

Rectangle

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



40.2897, 18.5000, -53.4712



40.2904, 48.0296, -8.5659



40.2904, -19.3338, 24.2058



40.2904, -35.6951, 10.6174

Sweetspot

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



40.2904, 18.5004, -53.4700



84.8696, 2.1503, -13.7592



68.5332, -28.3644, -2.7798



38.3074, 1.5198, -7.7103

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.2904, 18.5004, -53.4700



45.2587, 34.1825, -95.4518



43.6348, 31.5053, -45.1556



32.1528, -0.2962, -2.1687



16.6095, 42.7482, -113.0417



3.8602, 8.3011, -22.7445

Inverse Universe

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



46.7864, 33.1502, 13.4797



56.4062, 55.1681, 21.2085



69.2428, -30.0249, 32.0329



32.6222, 1.1670, 2.6204



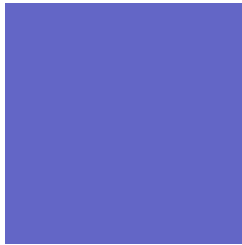
27.9616, 47.9237, 17.7680



6.0997, 10.4847, 3.6405

Previews

White Background



This preview shows how the HunterLab color 40.2897, 18.5000, -53.4712 looks on a white background.

Color Contrast Check

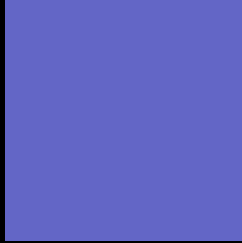
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.2897, 18.5000, -53.4712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

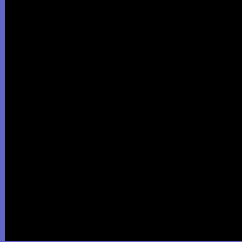
Any Text WCAG AA × Fail

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 40.2897, 18.5000, -53.4712 Background



This preview shows how black text looks on a background with the HunterLab color 40.2897, 18.5000, -53.4712.



This preview shows how white text looks on a background with the HunterLab color 40.2897, 18.5000, -53.4712.

-53.4712.

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

40.2897, 18.5000, -53.4712

Protanopia

40.5402, 10.9620, -59.2980

Deuteranopia

40.3286, 3.5703, -50.9918



Tritanopia

40.1163, -10.4223, -5.6459

Trichromacy



Original Color

40.2897, 18.5000, -53.4712

Protanomaly

40.1872, 13.5109, -57.4383

Deuteranomaly

39.9744, 8.1096, -52.6853

Tritanomaly

39.7738, -0.9833, -20.4334

Monochromacy



Original Color

40.2897, 18.5000, -53.4712

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

39.7921, 3.8590, -14.1327

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2897, 18.5000, -53.4712 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(99, 102, 198)` looks like.

```
.text, #text, p{  
    color:rgb(99, 102, 198)  
}
```

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(99, 102, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 102, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2897, 18.5000, -53.4712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

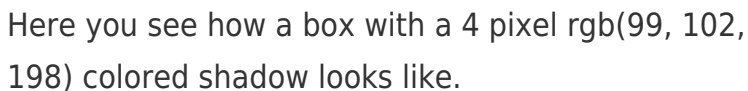
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(99, 102, 198) }
```


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

```
.border{ border-color:rgb(99, 102, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(99, 102, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 102, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 102, 198);  
box-shadow:4px 4px 4px 4px rgb(99, 102,  
198) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2897, 18.5000, -53.4712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 102, 198) }
```

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

```
.background{ background-color: rgb(99, 102,  
198) }
```

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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