

Converting Colors

HunterLab(40.0845, 5.8590,
-21.8542)

Have a look what the booklet for
HunterLab(40.0845, 5.8590,
-21.8542) contains.

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Color

**HunterLab(40.0855, 5.8727,
-21.7177)**

Conversions

Conversions Part 1

Format	Color
Hex	686C9C
RGB	104, 108, 156
RGB Percent	41%, 42%, 61%
CMY	0.5921, 0.5765, 0.3882
CMYK	0.33, 0.31, 0.00, 0.39
HSL	235°, 21%, 51%
HSV	235°, 33%, 61%
XYZ	17.0722, 16.0685, 33.6542
YIQ	112.2760, -17.7920, 14.0800

Conversions

Conversions Part 2

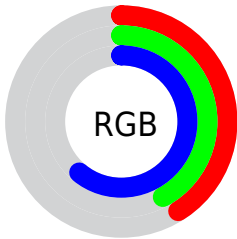
Format	Color
RYB	104, 108, 156
Decimal	6843548
CIELab	47.07, 10.28, -26.49
CIELCh	47, 28.418, 291.213
Yxy	16.0691, 0.2556, 0.2406
Android (android.graphics.Color)	4285033628 (0xFF686C9C)
YUV	112.2760, 21.5559, -7.2581
Hunter-Lab	40.0855, 5.8727, -21.7177

Details

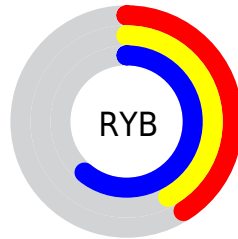
The HunterLab color $40.0855, 5.8727, -21.7177$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $55.2488, -8.0388, 19.8479$, and the grayscale version is $40.2843, -2.1495, 2.1887$.

A 20% lighter version of the original color is $60.5537, 6.2260, -22.9200$, and $22.6301, 5.2685, -20.2760$ is the 20% darker color. If you saturate the color by 10%, you get $35.2555, 9.3418, -31.0070$, and if you desaturate by 10%, it is $45.1476, 2.8353, -13.4359$.

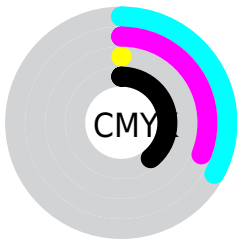
Distribution



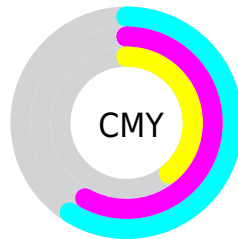
- Red (41%)
- Green (42%)
- Blue (61%)



- Red (41%)
- Yellow (42%)
- Blue (61%)



- Cyan (33%)
- Magenta (31%)
- Yellow (0%)
- Black (39%)



- Cyan (59%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0855, 5.8727, -21.7177 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 40.0855, 5.8727, -21.7177 by changing the saturation by 10% instead.

■ 40.0855, 5.8727,
-21.7177

■ 40.0855, 5.8727,
-21.7177

■ 151.5748, 4.1162,
-24.2757

■ 30.9404, 5.7500,
-21.1764

■ 60.5955, 5.8778,
-22.6739

■ 22.6204, 5.5293,
-20.6404

■ 71.8609, 5.7796,
-23.0696

■ 15.2183, 5.1884,
-20.2191

■ 83.7490, 5.6233,
-23.4071

■ 8.8439, 4.7838,
-20.3529

■ 96.2289, 5.4137,
-23.6874

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 109.2735, 5.1551,
-23.9123

0.0000, NaN, NaN

■ 122.8595, 4.8508,

0.0000, NaN, NaN

-24.0838

0.0000, NaN, NaN

136.9661, 4.5037,
-24.2042

■ 40.0855, 5.8727,
-21.7177

■ 40.0855, 5.8727,
-21.7177

■ 35.2555, 9.3418,
-31.0070

■ 45.1476, 2.8353,
-13.4359

■ 30.7087, 13.3619,
-41.5702

■ 50.4016, 0.1331,
-5.9400

■ 26.5217, 18.0544,
-53.6548

■ 55.8204, -2.3098,
0.9481

■ 22.8034, 23.4782,
-67.3166

■ 61.3832, -4.5507,
7.3642

■ 19.7023, 29.4634,
-81.9942

■ 67.0740, -6.6332,
13.4120

■ 17.3959, 35.3345,
-95.8620

■ 72.8802, -8.5902,
19.1704

■ 16.3195, 38.5147,
-103.5401

■ 78.7915, -10.4469,
24.7001

■ 84.7996, -12.2231,
30.0480

■ 90.8976, -13.9339,
35.2509

Harmonies

Analogous

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



40.0863, -5.3478, -23.4955



40.0855, 5.8727, -21.7177



40.0863, 15.8767, -12.7232

Triad

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



40.0863, 5.8723, -21.7168



40.0863, 12.1148, 14.9947



40.0863, -21.1177, 5.1596

Complementary

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



40.0855, 5.8727, -21.7177



55.2488, -8.0388, 19.8479

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.



40.0863, -17.4491, 12.9252



40.0855, 5.8727, -21.7177



40.0863, 1.1698, 17.5009

Square

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



40.0863, 5.8723, -21.7168



40.0863, 19.7445, 8.8513



40.0863, -9.5706, 16.8632



40.0863, -20.1507, -5.8759

Rectangle

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



40.0855, 5.8727, -21.7177



40.0863, 20.1169, -4.9182



40.0863, -9.5706, 16.8632



40.0863, -20.4018, 8.1821

Sweetspot

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



40.0863, 5.8723, -21.7168



70.1922, -0.8860, -5.0173



53.8298, -17.1446, 0.3076



32.4841, -0.2102, -2.9305



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



40.0863, 5.8723, -21.7168



49.1345, 11.3384, -38.4592



40.8801, 13.6342, -20.1883



25.5209, -0.4320, -1.4888



14.8866, 34.6486, -93.4033



2.4678, 2.9979, -9.5562

Inverse Universe

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



42.4875, 15.4185, 6.6516



53.3210, 26.7069, 10.3549



54.6558, -16.3768, 19.1841



25.7954, 0.8940, 1.9158



24.1784, 41.5060, 14.8500



3.2661, 5.6723, 1.4984

Previews

White Background



This preview shows how the HunterLab color 40.0855, 5.8727, -21.7177 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 40.0855, 5.8727, -21.7177 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 40.0855, 5.8727, -21.7177 Background



This preview shows how black text looks on a background with the HunterLab color 40.0855, 5.8727, -21.7177.



This preview shows how white text looks on a background with the HunterLab color 40.0855, 5.8727, -21.7177.

-21.7177.

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

40.0855, 5.8727, -21.7177

Protanopia

40.1591, 3.4677, -22.2873

Deuteranopia

40.0487, 3.0134, -21.8332



Tritanopia

40.0076, -5.2201, -3.2093

Trichromacy



Original Color

40.0855, 5.8727, -21.7177

Protanomaly

40.1010, 4.6487, -22.3707

Deuteranomaly

39.9878, 4.1884, -21.9211

Tritanomaly

40.0586, -1.3787, -9.2661

Monochromacy



Original Color

40.0855, 5.8727, -21.7177

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.2226, 0.1155, -5.3161

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0855, 5.8727, -21.7177 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(104, 108, 156)` looks like.

```
.text, #text, p{  
    color:rgb(104, 108, 156)  
}
```

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(104, 108, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 108, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0855, 5.8727, -21.7177 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(104, 108, 156) }
```


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

```
.border{ border-color:rgb(104, 108, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 108, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 108, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 108, 156);  
box-shadow:4px 4px 4px 4px rgb(104, 108,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0855, 5.8727, -21.7177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 108, 156) }
```

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

```
.background{ background-color: rgb(104,  
108, 156) }
```

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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