

Converting Colors

HunterLab(41.7420, 12.6754,
-56.0962)

Have a look what the booklet for
HunterLab(41.7420, 12.6754,
-56.0962) contains.

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Color

**HunterLab(41.8641, 12.4285,
-55.7853)**

Conversions

Conversions Part 1

Format	Color
Hex	516FCD
RGB	81, 111, 205
RGB Percent	32%, 44%, 80%
CMY	0.6823, 0.5647, 0.1961
CMYK	0.60, 0.46, 0.00, 0.20
HSL	225°, 55%, 56%
HSV	225°, 60%, 80%
XYZ	20.0973, 17.5260, 60.0814
YIQ	112.7460, -48.0540, 22.8740

Conversions

Conversions Part 2

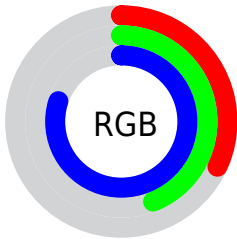
Format	Color
R_{YB}	81, 105, 205
Decimal	5337037
CIE _{Lab}	48.92, 18.07, -52.12
CIE _{LCh}	49, 55.160, 289.119
Yxy	17.5266, 0.2057, 0.1794
Android (android.graphics.Color)	4283527117 (0xFF516FCD)
YUV	112.7460, 45.4812, -27.8412
Hunter-Lab	41.8641, 12.4285, -55.7853

Details

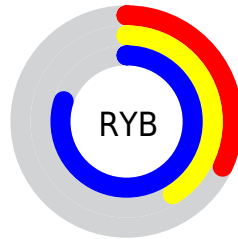
The HunterLab color **41.8641, 12.4285, -55.7853** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **66.5100, -3.6895, 33.9779**, and the grayscale version is **40.3843, -2.1548, 2.1942**.

A 20% lighter version of the original color is **62.1580, 11.2198, -51.7447**, and **24.2256, 11.6764, -55.4859** is the 20% darker color. If you saturate the color by 10%, you get **36.9485, 17.6978, -69.6052**, and if you desaturate by 10%, it is **47.1854, 8.1167, -43.3574**.

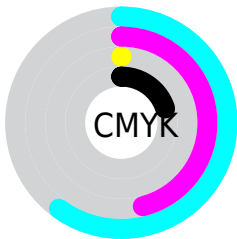
Distribution



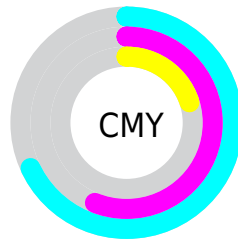
- Red (32%)
- Green (44%)
- Blue (80%)



- Red (32%)
- Yellow (41%)
- Blue (80%)



- Cyan (60%)
- Magenta (46%)
- Yellow (0%)
- Black (20%)



- Cyan (68%)
- Magenta (56%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8641, 12.4285, -55.7853 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 41.8641, 12.4285, -55.7853 by changing the saturation by 10% instead.

■ 41.8641, 12.4285, -55.7853

■ 41.8641, 12.4285, -55.7853

154.3337, 13.5901, -62.0421

■ 32.5740, 11.9044, -55.5724

■ 62.6330, 13.1792, -56.9657

■ 24.0950, 11.2581, -55.9686

■ 74.0163, 13.4279, -57.7051

■ 16.5145, 10.4675, -57.6779

■ 86.0163, 13.6040, -58.4710

■ 9.9552, 9.5059, -62.6993

■ 98.6026, 13.7140, -59.2363

0.0000, INF, -NF

0.0000, NaN, -NF

111.7492, 13.7634, -59.9845

0.0000, NaN, -NF

125.4331, 13.7567,

0.0000, NaN, NaN

-60.7053

0.0000, NaN, NaN

139.6340, 13.6979,
-61.3925

■ 41.8641, 12.4285,
-55.7853

■ 41.8641, 12.4285,
-55.7853

■ 36.9485, 17.6978,
-69.6052

■ 47.1854, 8.1167,
-43.3574

■ 32.5339, 24.0345,
-84.7908

■ 52.8362, 4.6035,
-32.1750

■ 28.7419, 31.3867,
-100.8856

■ 58.7616, 1.7396,
-22.0384

■ 25.7956, 38.8824,
-116.1783

■ 64.9197, -0.6015,
-12.7568

■ 71.2786, -2.5215,
-4.1662

■ 77.8137, -4.1001,
3.8679

■ 84.5055, -5.3997,
11.4536

■ 91.3385, -6.4692,
18.6769

■ 97.2530, -11.0318,
24.5216

Harmonies

Analogous

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



41.8648, -9.8741, -59.0154



41.8641, 12.4285, -55.7853



41.8648, 34.4913, -33.2161

Triad

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



41.8648, 12.4292, -55.7841



41.8648, 28.9556, 22.6311



41.8648, -36.0157, 9.1419

Complementary

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



41.8641, 12.4285, -55.7853



66.5100, -3.6895, 33.9779

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.



41.8648, -29.4964, 20.9027



41.8641, 12.4285, -55.7853



41.8648, 5.9922, 25.5915

Square

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



41.8648, 12.4292, -55.7841



41.8648, 45.3033, 13.3674



41.8648, -15.1247, 25.1817



41.8648, -34.9909, -13.0348

Rectangle

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



41.8641, 12.4285, -55.7853



41.8648, 44.6825, -14.6119



41.8648, -15.1247, 25.1817



41.8648, -34.6975, 14.1659

Sweetspot

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



41.8648, 12.4292, -55.7841



84.9018, -1.3672, -13.7759



69.6195, -37.5687, 8.1375



38.1839, -0.2690, -7.9191

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.8648, 12.4292, -55.7841



45.2630, 25.2856, -95.5932



37.0658, 34.5572, -68.9444



33.5818, -1.2639, -1.5226



20.6592, 29.7023, -89.9410



5.8517, 3.6185, -15.1254

Inverse Universe

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



44.7357, 45.3630, 8.4279



51.6817, 69.7781, 14.8454



72.9768, -27.9793, 38.1525



33.5521, 1.5165, 1.8768



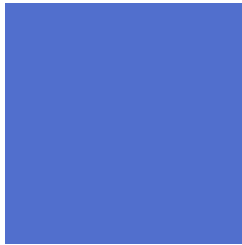
28.6947, 49.6767, 14.3857



6.6115, 11.6290, 1.8948

Previews

White Background



This preview shows how the HunterLab color 41.8641, 12.4285, -55.7853 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 41.8641, 12.4285, -55.7853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

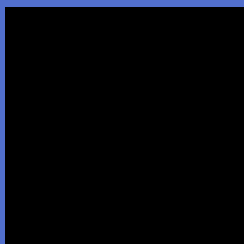
Any Text WCAG AA ✓ Pass

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 41.8641, 12.4285, -55.7853 Background



This preview shows how black text looks on a background with the HunterLab color 41.8641, 12.4285, -55.7853.



This preview shows how white text looks on a background with the HunterLab color 41.8641, 12.4285, -55.7853.

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

41.8641, 12.4285, -55.7853

Protanopia

42.0177, 10.4399, -57.2239

Deuteranopia

41.8157, 3.7275, -54.2788



Tritanopia

41.9974, -16.6638, -7.8249

Trichromacy



Original Color

41.8641, 12.4285, -55.7853

Protanomaly

41.8813, 11.2514, -56.6604

Deuteranomaly

41.7532, 6.4720, -55.2791

Tritanomaly

41.5638, -7.1003, -23.2735

Monochromacy



Original Color

41.8641, 12.4285, -55.7853

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.5344, 1.0617, -14.7814

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8641, 12.4285, -55.7853 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(81, 111, 205)` looks like.

```
.text, #text, p{  
    color:rgb(81, 111, 205)  
}
```

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(81, 111, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 111, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8641, 12.4285, -55.7853 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(81, 111, 205) }
```


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

```
.border{ border-color:rgb(81, 111, 205) }
```

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

Here you see how a box with a 4 pixel rgb(81, 111, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 111, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 111, 205);  
box-shadow:4px 4px 4px 4px rgb(81, 111,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.8641, 12.4285, -55.7853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 111, 205) }
```

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

```
.background{ background-color: rgb(81, 111,  
205) }
```

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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