

Converting Colors

HunterLab(41.5653, 6.0989,
-35.8776)

Have a look what the booklet for
HunterLab(41.5653, 6.0989,
-35.8776) contains.

HunterLab(41.5683, 6.0951, -35.8680)	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(41.5683, 6.0951,
-35.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	5A71B4
RGB	90, 113, 180
RGB Percent	35%, 44%, 71%
CMY	0.6470, 0.5569, 0.2941
CMYK	0.50, 0.37, 0.00, 0.29
HSL	225°, 37%, 53%
HSV	225°, 50%, 71%
XYZ	18.3598, 17.2792, 45.5476
YIQ	113.7610, -35.2150, 15.9610

Conversions

Conversions Part 2

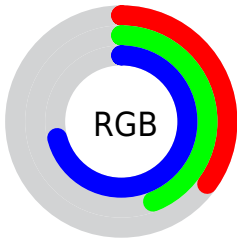
Format	Color
R_{YB}	90, 108, 180
Decimal	5927348
CIE _{Lab}	48.61, 10.54, -38.18
CIE _{LCh}	49, 39.608, 285.435
Yxy	17.2798, 0.2261, 0.2128
Android (android.graphics.Color)	4284117428 (0xFF5A71B4)
YUV	113.7610, 32.6558, -20.8384
Hunter-Lab	41.5683, 6.0951, -35.8680

Details

The HunterLab color $41.5683, 6.0951, -35.8680$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $58.7849, -3.5022, 26.4047$, and the grayscale version is $40.8179, -2.1779, 2.2177$.

A 20% lighter version of the original color is $62.4389, 5.8628, -36.7776$, and $23.9496, 5.5996, -34.8515$ is the 20% darker color. If you saturate the color by 10%, you get $37.0287, 9.5819, -46.1553$, and if you desaturate by 10%, it is $46.3773, 3.2668, -26.5684$.

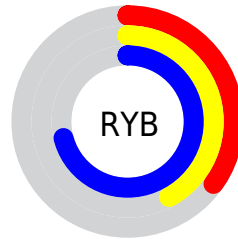
Distribution



Red (35%)

Green (44%)

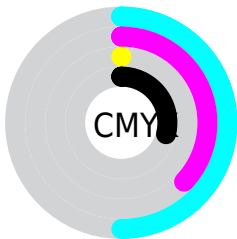
Blue (71%)



Red (35%)

Yellow (42%)

Blue (71%)

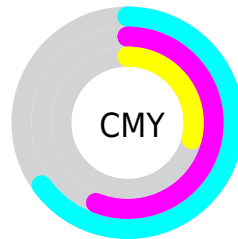


Cyan (50%)

Magenta (37%)

Yellow (0%)

Black (29%)



Cyan (65%)

Magenta (56%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.5683, 6.0951, -35.8680 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 41.5683, 6.0951, -35.8680 by changing the saturation by 10% instead.

■ 41.5683, 6.0951,
-35.8680

■ 41.5683, 6.0951,
-35.8680

■ 153.8765, 4.3668,
-40.7125

■ 32.3020, 5.9721,
-35.2858

■ 62.2947, 6.1048,
-37.1695

■ 23.8491, 5.7522,
-34.8935

■ 73.6586, 6.0095,
-37.8046

■ 16.2978, 5.4149,
-34.9844

■ 85.6401, 5.8563,
-38.4045

■ 9.7724, 4.9282,
-36.4159

■ 98.2089, 5.6501,
-38.9614

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.3387, 5.3949,
-39.4716

0.0000, NaN, -NF

■ 125.0065, 5.0941,

0.0000, NaN, NaN

-39.9336

0.0000, NaN, NaN

139.1918, 4.7506,
-40.3471

■ 41.5683, 6.0951,
-35.8680

■ 41.5683, 6.0951,
-35.8680

■ 37.0287, 9.5819,
-46.1553

■ 46.3773, 3.2668,
-26.5684

■ 32.8138, 13.8573,
-57.5588

■ 51.4099, 0.9751,
-18.1035

■ 28.9990, 19.0260,
-70.0826

■ 56.6339, -0.8822,
-10.3235

■ 25.6772, 25.0853,
-83.4444

■ 62.0237, -2.3873,
-3.1002

■ 22.9114, 31.7005,
-97.0690

■ 67.5597, -3.6050,
3.6720

■ 22.9109, 31.7020,
-97.0720

■ 73.2260, -4.5865,
10.0787

■ 79.0100, -5.3719,
16.1885

■ 84.9014, -5.9932,
22.0563

■ 90.8915, -6.4756,
27.7263

Harmonies

Analogous

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



41.5690, -9.5201, -36.0699



41.5683, 6.0951, -35.8680



41.5690, 21.4639, -23.2523

Triad

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



41.5690, 6.0952, -35.8670



41.5690, 21.0727, 17.9266



41.5690, -27.5192, 8.8368

Complementary

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



41.5683, 6.0951, -35.8680



58.7849, -3.5022, 26.4047

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.



41.5690, -21.5598, 17.7545



41.5683, 6.0951, -35.8680



41.5690, 5.6209, 21.5271

Square

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



41.5690, 6.0952, -35.8670



41.5690, 30.9438, 9.1828



41.5690, -9.9295, 21.4787



41.5690, -27.4313, -6.0992

Rectangle

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



41.5683, 6.0951, -35.8680



41.5690, 28.8399, -11.4831



41.5690, -9.9295, 21.4787



41.5690, -26.2004, 12.4905

Sweetspot

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



41.5690, 6.0952, -35.8670



79.6753, -2.2021, -9.2055



61.0058, -29.1078, 6.5133



36.3442, -0.8233, -5.2254



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



41.5690, 6.0952, -35.8670



49.2554, 13.4429, -63.6590



37.4007, 22.6079, -45.0105



29.2771, -1.1631, -1.2315



19.3839, 25.7366, -79.7860



4.6241, 1.6218, -9.2806

Inverse Universe

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



42.6717, 31.8256, 5.1435



52.1323, 53.0346, 9.1095



63.8374, -20.9367, 29.9851



29.2228, 1.2842, 1.5872



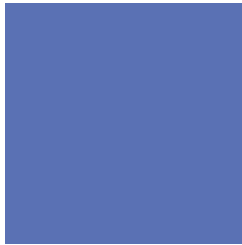
26.3048, 45.6071, 12.6619



4.7683, 8.4653, 0.7597

Previews

White Background



This preview shows how the HunterLab color 41.5683, 6.0951, -35.8680 looks on a white background.

Color Contrast Check

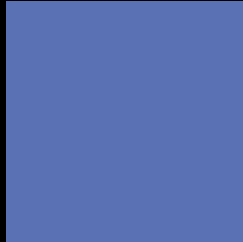
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.5683, 6.0951, -35.8680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

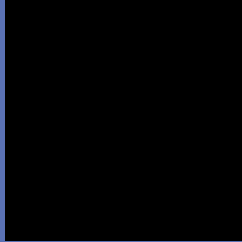
Any Text WCAG AA × Fail

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 41.5683, 6.0951, -35.8680 Background



This preview shows how black text looks on a background with the HunterLab color 41.5683, 6.0951, -35.8680.



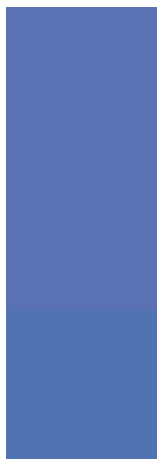
This preview shows how white text looks on a background with the HunterLab color 41.5683, 6.0951, -35.8680.

-35.8680.

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

41.5683, 6.0951, -35.8680

Protanopia

41.5683, 6.0951, -35.8680

Deuteranopia

41.6006, 3.4135, -35.8472



Tritanopia

41.6596, -11.9830, -6.1206

Trichromacy



Original Color

41.5683, 6.0951, -35.8680

Protanomaly

41.5683, 6.0951, -35.8680

Deuteranomaly

41.4906, 4.4506, -36.0599

Tritanomaly

41.3535, -5.8518, -15.9898

Monochromacy



Original Color

41.5683, 6.0951, -35.8680

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

41.0766, -0.4848, -9.4035

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.5683, 6.0951, -35.8680 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(90, 113, 180)` looks like.

```
.text, #text, p{  
    color:rgb(90, 113, 180)  
}
```

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(90, 113, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 113, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 41.5683, 6.0951, -35.8680 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(90, 113, 180) }
```


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

```
.border{ border-color:rgb(90, 113, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 113, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 113, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 113, 180);  
box-shadow:4px 4px 4px 4px rgb(90, 113,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.5683, 6.0951, -35.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 113, 180) }
```

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

```
.background{ background-color: rgb(90, 113,  
180) }
```

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