

Converting Colors

HunterLab(30.3514, 6.2493,
-51.4271)

Have a look what the booklet for
HunterLab(30.3514, 6.2493,
-51.4271) contains.

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Color

**HunterLab(30.4141, 6.2366,
-51.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	0055A6
RGB	0, 85, 166
RGB Percent	0%, 33%, 65%
CMY	0.9999, 0.6667, 0.3490
CMYK	1.00, 0.49, 0.00, 0.35
HSL	209°, 100%, 33%
HSV	209°, 100%, 65%
XYZ	10.1314, 9.2502, 37.3279
YIQ	68.8190, -76.6610, 7.1710

Conversions

Conversions Part 2

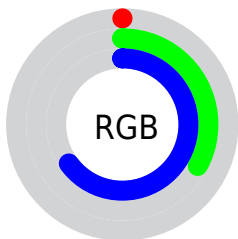
Format	Color
RYB	0, 56, 166
Decimal	21926
CIELab	36.46, 10.95, -49.52
CIElCh	36, 50.720, 282.463
Yxy	9.2504, 0.1787, 0.1631
Android (android.graphics.Color)	4278212006 (0xFF0055A6)
YUV	68.8190, 47.9102, -60.3543
Hunter-Lab	30.4141, 6.2366, -51.4780

Details

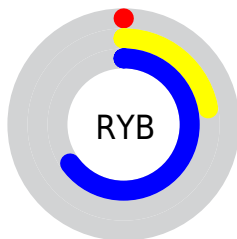
The HunterLab color **30.4141, 6.2366, -51.4780** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **37.4117, 23.6122, 23.4649**, and the grayscale version is **24.1902, -1.2907, 1.3143**.

A 20% lighter version of the original color is **49.3952, 6.5553, -52.3990**, and **16.6677, 11.2439, -45.1055** is the 20% darker color. If you saturate the color by 10%, you get **30.4105, 6.2437, -51.4888**, and if you desaturate by 10%, it is **32.7346, 2.8651, -45.1221**.

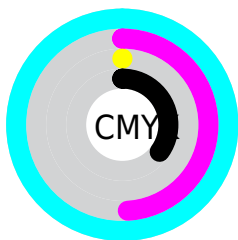
Distribution



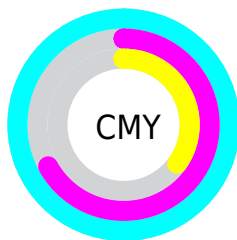
- Red (0%)
- Green (33%)
- Blue (65%)



- Red (0%)
- Yellow (22%)
- Blue (65%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (67%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.4141, 6.2366, -51.4780 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 30.4141, 6.2366, -51.4780 by changing the saturation by 10% instead.

■ 30.4141, 6.2366,
-51.4780

■ 30.4141, 6.2366,
-51.4780

■ 136.1011, 5.3005,
-57.1744

■ 22.1470, 5.9699,
-51.8637

■ 49.3718, 6.4820,
-52.2269

■ 14.8039, 5.5770,
-53.6337

■ 59.9369, 6.4858,
-52.8923

■ 8.4581, 5.2816,
-59.6577

■ 71.1637, 6.4230,
-53.6213

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 83.0152, 6.3001,
-54.3697

0.0000, NaN, -NF

■ 95.4601, 6.1224,
-55.1118

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.4714, 5.8943,

-55.8321

0.0000, NaN, NaN

122.0254, 5.6194,
-56.5215

■ 30.4141, 6.2366,
-51.4780

■ 30.4141, 6.2366,
-51.4780

■ 30.4105, 6.2437,
-51.4888

■ 32.7346, 2.8651,
-45.1221

■ 35.2522, 0.0378,
-38.9536

■ 37.9860, -2.1393,
-32.9404

■ 40.9192, -3.6993,
-27.1238

■ 44.0336, -4.6963,
-21.5251

■ 47.3114, -5.1917,
-16.1485

■ 50.7364, -5.2462,
-10.9870

■ 54.2942, -4.9159,
-6.0264

■ 57.9719, -4.2504,
-1.2493

Harmonies

Analogous

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



30.4145, -11.3955, -49.6801



30.4141, 6.2366, -51.4780



30.4145, 25.5456, -34.1802

Triad

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



30.4145, 6.2376, -51.4772



30.4145, 28.4621, 16.5782



30.4145, -28.1564, 10.0211

Complementary

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



30.4141, 6.2366, -51.4780



37.4117, 23.6122, 23.4649

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.



30.4145, -21.6953, 17.3323



30.4141, 6.2366, -51.4780



30.4145, 9.5607, 19.3119

Square

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



30.4145, 6.2376, -51.4772



30.4145, 40.2463, 7.9560



30.4145, -8.7611, 19.4720



30.4145, -28.6448, -6.3702

Rectangle

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



30.4141, 6.2366, -51.4780



30.4145, 35.6931, -17.9153



30.4145, -8.7611, 19.4720



30.4145, -26.6953, 13.3092

Sweetspot

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



30.4145, 6.2376, -51.4772



68.0808, -7.0781, -15.1937



52.7785, -41.3140, 23.2186



31.3118, -3.3599, -8.5089



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



30.4145, 6.2376, -51.4772



40.4458, 9.4222, -70.8935



16.7752, 44.2101, -116.3982



28.1278, -2.0257, -0.4480



26.9541, 5.1637, -44.8373



5.2794, -1.0146, -4.4085

Inverse Universe

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



29.6033, 52.9066, 1.9546



39.8251, 71.0818, 3.4089



58.6385, -14.7503, 35.8737



27.5754, 1.4918, 0.6819



26.0854, 46.6574, 1.4655



4.1934, 7.7273, -1.5223

Previews

White Background



This preview shows how the HunterLab color 30.4141, 6.2366, -51.4780 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 30.4141, 6.2366, -51.4780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

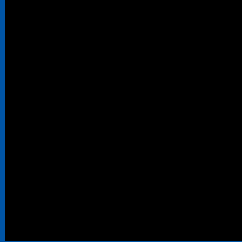
Any Text WCAG AA × Fail

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 30.4141, 6.2366, -51.4780 Background



This preview shows how black text looks on a background with the HunterLab color 30.4141, 6.2366, -51.4780.



This preview shows how white text looks on a background with the HunterLab color 30.4141, 6.2366, -51.4780.

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

30.4141, 6.2366, -51.4780

Protanopia

30.5253, 8.9697, -49.2515

Deuteranopia

30.4620, 0.8326, -39.8722



Tritanopia

30.2386, -14.6039, -6.2700

Trichromacy



Original Color

30.4141, 6.2366, -51.4780

Protanomaly

30.4367, 7.5095, -50.4563

Deuteranomaly

30.4713, 2.7931, -44.1159

Tritanomaly

29.9380, -8.0154, -20.1170

Monochromacy



Original Color

30.4141, 6.2366, -51.4780

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

25.6264, -2.6808, -14.5571

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.4141, 6.2366, -51.4780 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(0, 85, 166)` looks like.

```
.text, #text, p{  
    color:rgb(0, 85, 166)  
}
```

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(0, 85, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 85, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 30.4141, 6.2366, -51.4780 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(0, 85, 166) }
```


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

```
.border{ border-color:rgb(0, 85, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 85, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 85, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 85, 166);  
box-shadow:4px 4px 4px 4px rgb(0, 85, 166)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.4141, 6.2366, -51.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 85, 166) }
```

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

```
.background{ background-color: rgb(0, 85,  
166) }
```

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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