

Converting Colors

HunterLab(36.2678, 2.3325,
-46.7478)

Have a look what the booklet for
HunterLab(36.2678, 2.3325,
-46.7478) contains.

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Color

**HunterLab(36.2600, 2.2057,
-46.4892)**

Conversions

Conversions Part 1

Format	Color
Hex	1B67B2
RGB	27, 103, 178
RGB Percent	11%, 40%, 70%
CMY	0.8941, 0.5961, 0.3020
CMYK	0.85, 0.42, 0.00, 0.30
HSL	210°, 74%, 40%
HSV	210°, 85%, 70%
XYZ	13.3381, 13.1479, 43.9543
YIQ	88.8260, -69.3710, 7.2130

Conversions

Conversions Part 2

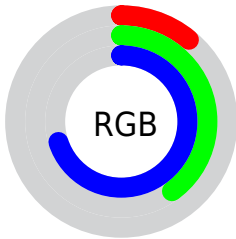
Format	Color
R_{YB}	27, 78, 178
Decimal	1796018
CIE _{Lab}	42.99, 5.58, -46.11
CIE _{LCh}	43, 46.450, 276.905
Yxy	13.1483, 0.1894, 0.1867
Android (android.graphics.Color)	4279986098 (0xFF1B67B2)
YUV	88.8260, 43.9628, -54.2214
Hunter-Lab	36.2600, 2.2057, -46.4892

Details

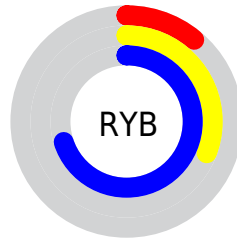
The HunterLab color **36.2600, 2.2057, -46.4892** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **43.6464, 18.9541, 25.8167**, and the grayscale version is **31.4064, -1.6758, 1.7064**.

A 20% lighter version of the original color is **56.3066, 1.4892, -47.2444**, and **20.9927, 7.1789, -41.7363** is the 20% darker color. If you saturate the color by 10%, you get **33.6267, 5.7453, -53.4437**, and if you desaturate by 10%, it is **39.1431, -0.6132, -39.6898**.

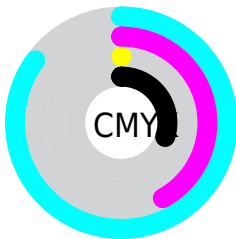
Distribution



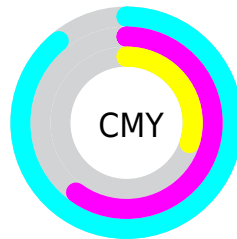
- Red (11%)
- Green (40%)
- Blue (70%)



- Red (11%)
- Yellow (31%)
- Blue (70%)



- Cyan (85%)
- Magenta (42%)
- Yellow (0%)
- Black (30%)



- Cyan (89%)
- Magenta (60%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.2600, 2.2057, -46.4892 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 36.2600, 2.2057, -46.4892 by changing the saturation by 10% instead.

■ 36.2600, 2.2057,
-46.4892

■ 36.2600, 2.2057,
-46.4892

■ 145.5561, -1.2760,
-52.3109

■ 27.4422, 2.3268,
-46.2504

■ 56.1871, 1.7670,
-47.6736

■ 19.4838, 2.3655,
-46.6467

■ 67.1884, 1.4630,
-48.3852

■ 12.4908, 2.3033,
-48.5722

■ 78.8265, 1.1099,
-49.1073

■ 5.7493, 3.9253,
-64.7760

■ 91.0685, 0.7116,
-49.8159

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 103.8857, 0.2714,
-50.4970

0.0000, NaN, NaN

■ 117.2535, -0.2080,

0.0000, NaN, NaN

-51.1426

0.0000, NaN, NaN

131.1501, -0.7245,
-51.7480

■ 36.2600, 2.2057,
-46.4892

■ 36.2600, 2.2057,
-46.4892

■ 33.6267, 5.7453,
-53.4437

■ 39.1431, -0.6132,
-39.6898

■ 32.3361, 7.7595,
-57.1678

■ 42.2573, -2.7293,
-33.1061

■ 45.5825, -4.1939,
-26.7716

■ 49.0979, -5.0738,
-20.6983

■ 52.7840, -5.4382,
-14.8813

■ 56.6235, -5.3529,
-9.3058

■ 60.6012, -4.8768,
-3.9516

■ 64.7039, -4.0614,
1.2036

■ 68.9201, -2.9508,
6.1822

Harmonies

Analogous

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



36.2605, -14.2376, -41.6617



36.2600, 2.2057, -46.4892



36.2605, 20.6127, -34.1818

Triad

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



36.2605, 2.2065, -46.4883



36.2605, 29.1557, 16.4347



36.2605, -28.0318, 12.4359

Complementary

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



36.2600, 2.2057, -46.4892



43.6464, 18.9541, 25.8167

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.



36.2605, -20.0437, 19.3949



36.2600, 2.2057, -46.4892



36.2605, 12.2598, 20.8182

Square

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



36.2605, 2.2065, -46.4883



36.2605, 37.9744, 5.6219



36.2605, -5.9019, 21.5600



36.2605, -29.7058, -2.0979

Rectangle

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



36.2600, 2.2057, -46.4892



36.2605, 30.8547, -20.2709



36.2605, -5.9019, 21.5600



36.2605, -26.0813, 15.4828

Sweetspot

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



36.2605, 2.2065, -46.4883



75.9302, -7.2313, -12.9808



57.4406, -42.4942, 22.2080



34.8855, -3.4470, -7.3244



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.



36.2605, 2.2065, -46.4883



43.0126, 11.4970, -78.5808



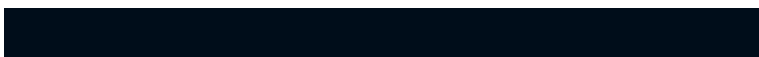
20.8630, 39.9862, -106.1432



29.8551, -2.1223, -0.5194



27.5818, 6.1171, -47.6799



5.9663, -0.7861, -5.7605

Inverse Universe

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



33.5096, 54.2910, -1.1056



42.9458, 76.5246, 4.6607



63.5555, -15.7796, 37.9181



29.2818, 1.6013, 0.7467



27.0335, 48.2777, 2.1046



4.9165, 9.0019, -1.3371

Previews

White Background



This preview shows how the HunterLab color 36.2600, 2.2057, -46.4892 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 36.2600, 2.2057, -46.4892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

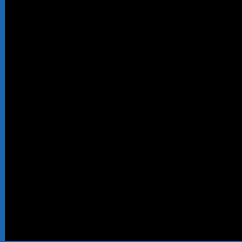
Any Text WCAG AA × Fail

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 36.2600, 2.2057, -46.4892 Background



This preview shows how black text looks on a background with the HunterLab color 36.2600, 2.2057, -46.4892.



This preview shows how white text looks on a background with the HunterLab color 36.2600, 2.2057, -46.4892.

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

36.2600, 2.2057, -46.4892

Protanopia

36.3437, 7.5444, -42.8004

Deuteranopia

36.3843, 2.6233, -46.1700



Tritanopia

35.9783, -17.3957, -7.4175

Trichromacy



Original Color

36.2600, 2.2057, -46.4892

Protanomaly

36.0088, 5.2104, -44.4997

Deuteranomaly

36.3403, 2.4756, -46.2829

Tritanomaly

35.9512, -11.2704, -19.6025

Monochromacy



Original Color

36.2600, 2.2057, -46.4892

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

32.4717, -3.5001, -13.0813

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.2600, 2.2057, -46.4892 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(27, 103, 178)` looks like.

```
.text, #text, p{  
    color:rgb(27, 103, 178)  
}
```

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(27, 103, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 103, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 36.2600, 2.2057, -46.4892 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(27, 103, 178) }
```


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

```
.border{ border-color:rgb(27, 103, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 103, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 103, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 103, 178);  
box-shadow:4px 4px 4px 4px rgb(27, 103,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.2600, 2.2057, -46.4892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 103, 178) }
```

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

```
.background{ background-color: rgb(27, 103,  
178) }
```

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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