

Converting Colors

HunterLab(30.0572, -21.7782,
-70.9622)

Have a look what the booklet for
HunterLab(30.0572, -21.7782,
-70.9622) contains.

HunterLab(36.5531, 2.4549, -50.9876)	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(36.5531, 2.4549,
-50.9876)**

Conversions

Conversions Part 1

Format	Color
Hex	0068B8
RGB	0, 104, 184
RGB Percent	0%, 41%, 72%
CMY	0.9999, 0.5922, 0.2784
CMYK	1.00, 0.43, 0.00, 0.28
HSL	206°, 100%, 36%
HSV	206°, 100%, 72%
XYZ	13.6020, 13.3613, 47.2094
YIQ	82.0240, -87.6640, 2.8320

Conversions

Conversions Part 2

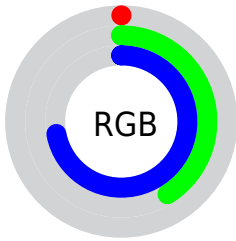
Format	Color
RYB	0, 66, 184
Decimal	26808
CIELab	43.30, 5.92, -49.13
CIELCh	43, 49.483, 276.869
Yxy	13.3617, 0.1834, 0.1801
Android (android.graphics.Color)	4278216888 (0xFF0068B8)
YUV	82.0240, 50.2742, -71.9350
Hunter-Lab	36.5531, 2.4549, -50.9876

Details

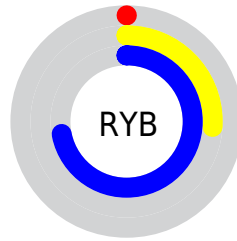
The HunterLab color **36.5531, 2.4549, -50.9876** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **39.9164, 31.3837, 25.1441**, and the grayscale version is **28.9066, -1.5424, 1.5705**.

A 20% lighter version of the original color is **56.6751, 1.9585, -52.1014**, and **21.5356, 8.2508, -44.7287** is the 20% darker color. If you saturate the color by 10%, you get **36.5489, 2.4626, -50.9990**, and if you desaturate by 10%, it is **38.9646, -0.8282, -45.0075**.

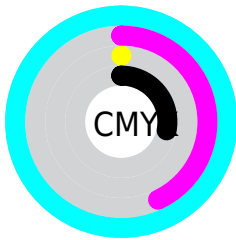
Distribution



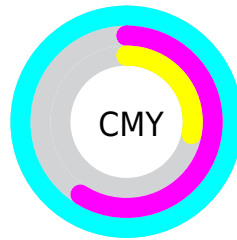
- Red (0%)
- Green (41%)
- Blue (72%)



- Red (0%)
- Yellow (26%)
- Blue (72%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (59%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5531, 2.4549, -50.9876 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 36.5531, 2.4549, -50.9876 by changing the saturation by 10% instead.

■ 36.5531, 2.4549,
-50.9876

■ 36.5531, 2.4549,
-50.9876

■ 146.0215, -0.9011,
-56.9792

■ 27.7093, 2.5582,
-50.8844

■ 56.5261, 2.0490,
-52.0841

■ 19.7222, 2.5774,
-51.5455

■ 67.5482, 1.7600,
-52.7995

■ 12.6966, 2.4940,
-54.0061

■ 79.2060, 1.4212,
-53.5431

■ 6.0472, 3.9417,
-70.4508

■ 91.4666, 1.0367,
-54.2853

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.3017, 0.6096,
-55.0086

0.0000, NaN, -NF

■ 117.6866, 0.1428,

0.0000, NaN, NaN

-55.7024

0.0000, NaN, NaN

131.5997, -0.3614,
-56.3605

■ 36.5531, 2.4549,
-50.9876

■ 36.5531, 2.4549,
-50.9876

■ 36.5489, 2.4626,
-50.9990

■ 38.9646, -0.8282,
-45.0075

■ 41.5750, -3.5212,
-39.1134

■ 44.4065, -5.5171,
-33.2801

■ 47.4473, -6.8393,
-27.5492

■ 50.6823, -7.5359,
-21.9510

■ 54.0958, -7.6658,
-16.5025

■ 57.6721, -7.2903,
-11.2101

■ 61.3969, -6.4678,
-6.0722

■ 65.2572, -5.2521,
-1.0818

Harmonies

Analogous

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



36.5536, -15.0519, -45.6196



36.5531, 2.4549, -50.9876



36.5536, 22.2640, -37.4008

Triad

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



36.5536, 2.4559, -50.9867



36.5536, 31.5532, 17.1548



36.5536, -29.5268, 13.0519

Complementary

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



36.5531, 2.4549, -50.9876



39.9164, 31.3837, 25.1441

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.



36.5536, -21.1490, 20.1564



36.5531, 2.4549, -50.9876



36.5536, 13.2990, 21.5546

Square

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



36.5536, 2.4559, -50.9867



36.5536, 41.1177, 5.8549



36.5536, -6.1611, 22.2787



36.5536, -31.2778, -2.3499

Rectangle

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



36.5531, 2.4549, -50.9876



36.5536, 33.3620, -22.1254



36.5536, -6.1611, 22.2787



36.5536, -27.4879, 16.1988

Sweetspot

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



36.5536, 2.4559, -50.9867



77.3927, -9.8575, -15.4599



59.0398, -47.1453, 27.9808



34.9889, -4.7048, -8.5523



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



36.5536, 2.4559, -50.9867



48.7141, 4.2025, -69.9604



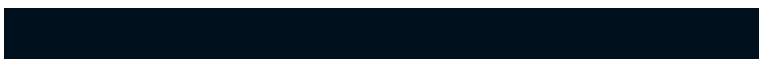
19.3164, 47.3990, -126.4578



30.8852, -2.4334, -0.3607



30.5764, 1.6282, -41.7326



6.7104, -1.2810, -5.6221

Inverse Universe

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



33.4525, 60.2700, -1.5440



44.9835, 80.9531, -1.3012



62.9247, -12.3369, 38.5569



30.1578, 1.7450, 0.5445



27.7959, 50.1305, -1.6447



5.3343, 9.8282, -1.9253

Previews

White Background



This preview shows how the HunterLab color 36.5531, 2.4549, -50.9876 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 36.5531, 2.4549, -50.9876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

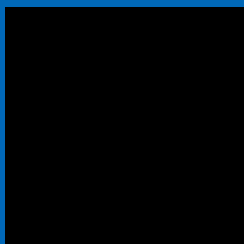
Any Text WCAG AA × Fail

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 36.5531, 2.4549, -50.9876 Background



This preview shows how black text looks on a background with the HunterLab color 36.5531, 2.4549, -50.9876.



This preview shows how white text looks on a background with the HunterLab color 36.5531, 2.4549, -50.9876.

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

36.5531, 2.4549, -50.9876

Protanopia

36.4721, 8.5019, -46.7065

Deuteranopia

36.6503, 2.7808, -50.7270



Tritanopia

36.6266, -17.9518, -7.0273

Trichromacy



Original Color

36.5531, 2.4549, -50.9876

Protanomaly

36.2146, 5.1794, -49.1653

Deuteranomaly

36.6149, 2.6620, -50.8219

Tritanomaly

36.2843, -11.3018, -20.9548

Monochromacy



Original Color

36.5531, 2.4549, -50.9876

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

30.6175, -4.5963, -15.0110

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5531, 2.4549, -50.9876 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, 104, 184)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 184)  
}
```

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, 104, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5531, 2.4549, -50.9876 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, 104, 184) }
```


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

```
.border{ border-color:rgb(0, 104, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 104, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 104, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 104, 184); box-shadow:4px 4px 4px 4px rgb(0, 104, 184) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.5531, 2.4549, -50.9876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 184) }
```

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

```
.background{ background-color: rgb(0, 104,  
184) }
```

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