

Converting Colors

HunterLab(36.2906, -0.3582,
-69.1559)

Have a look what the booklet for
HunterLab(36.2906, -0.3582,
-69.1559) contains.

HunterLab(38.4443, 6.6327, -62.3701)	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(38.4443, 6.6327,
-62.3701)**

Conversions

Conversions Part 1

Format	Color
Hex	006BCA
RGB	0, 107, 202
RGB Percent	0%, 42%, 79%
CMY	0.9998, 0.5804, 0.2078
CMYK	1.00, 0.47, 0.00, 0.21
HSL	208°, 100%, 40%
HSV	208°, 100%, 79%
XYZ	15.9184, 14.7796, 57.8909
YIQ	85.8370, -94.2670, 6.8610

Conversions

Conversions Part 2

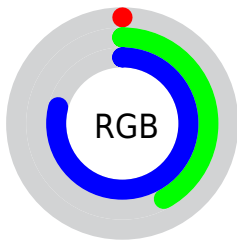
Format	Color
R _{YB}	0, 70, 202
Decimal	27594
CIE Lab	45.33, 11.25, -56.28
CIE LCh	45, 57.394, 281.305
Yxy	14.7800, 0.1797, 0.1668
Android (android.graphics.Color)	4278217674 (0xFF006BCA)
YUV	85.8370, 57.2684, -75.2790
Hunter-Lab	38.4443, 6.6327, -62.3701

Details

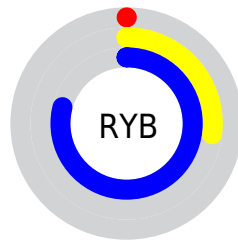
The HunterLab color **38.4443, 6.6327, -62.3701** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **45.5515, 31.7854, 28.6234**, and the grayscale version is **30.2729, -1.6153, 1.6448**.

A 20% lighter version of the original color is **58.5409, 5.2306, -59.6541**, and **23.3325, 12.2242, -55.5522** is the 20% darker color. If you saturate the color by 10%, you get **38.4387, 6.6436, -62.3866**, and if you desaturate by 10%, it is **41.2584, 2.4615, -54.8319**.

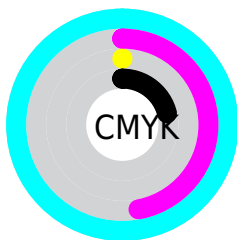
Distribution



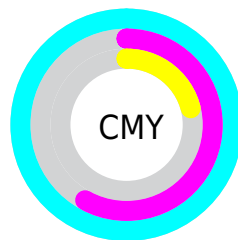
- Red (0%)
- Green (42%)
- Blue (79%)



- Red (0%)
- Yellow (27%)
- Blue (79%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (58%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.4443, 6.6327, -62.3701 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 38.4443, 6.6327, -62.3701 by changing the saturation by 10% instead.

■ 38.4443, 6.6327,
-62.3701

■ 38.4443, 6.6327,
-62.3701

■ 149.0071, 5.3497,
-68.5302

■ 29.4367, 6.4405,
-62.5933

■ 58.7085, 6.7654,
-63.2048

■ 21.2684, 6.1413,
-63.8304

■ 69.8624, 6.7243,
-63.8988

■ 14.0373, 5.7121,
-67.3175

■ 81.6450, 6.6218,
-64.6640

■ 7.6826, 5.9711,
-79.2707

■ 94.0242, 6.4633,
-65.4582

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 106.9727, 6.2535,
-66.2555

0.0000, NaN, -NF

■ 120.4665, 5.9959,

0.0000, NaN, NaN

-67.0396

0.0000, NaN, NaN

134.4842, 5.6938,
-67.8001

■ 38.4443, 6.6327,
-62.3701

■ 38.4443, 6.6327,
-62.3701

■ 38.4387, 6.6436,
-62.3866

■ 41.2584, 2.4615,
-54.8319

■ 44.3253, -0.9962,
-47.4468

■ 47.6601, -3.6374,
-40.2082

■ 51.2449, -5.4960,
-33.1693

■ 55.0581, -6.6355,
-26.3620

■ 59.0785, -7.1309,
-19.7985

■ 63.2862, -7.0577,
-13.4761

■ 67.6630, -6.4867,
-7.3828

■ 72.1932, -5.4814,
-1.5013

Harmonies

Analogous

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



38.4448, -14.7447, -59.2412



38.4443, 6.6327, -62.3701



38.4448, 30.1982, -42.3256

Triad

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



38.4448, 6.6339, -62.3691



38.4448, 35.3475, 20.3522



38.4448, -34.5860, 12.9232

Complementary

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



38.4443, 6.6327, -62.3701



45.5515, 31.7854, 28.6234

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.



38.4448, -26.2681, 21.7551



38.4443, 6.6327, -62.3701



38.4448, 12.5332, 24.0647

Square

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



38.4448, 6.6339, -62.3691



38.4448, 49.1030, 9.2017



38.4448, -10.0318, 24.3712



38.4448, -35.4721, -6.7022

Rectangle

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



38.4443, 6.6327, -62.3701



38.4448, 42.7591, -22.8074



38.4448, -10.0318, 24.3712



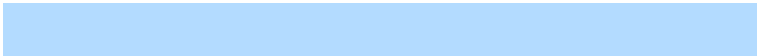
38.4448, -32.6721, 16.8790

Sweetspot

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



38.4448, 6.6339, -62.3691



82.1064, -9.2016, -17.8848



65.6163, -51.8394, 29.8942



36.8925, -4.3093, -9.8862

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.4448, 6.6339, -62.3691



49.5592, 9.5122, -82.4789



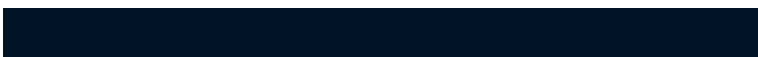
21.0041, 54.4716, -143.8340



34.3673, -2.5667, -0.5543



31.1248, 4.7841, -49.2309



8.0684, -0.6551, -8.6706

Inverse Universe

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



36.9042, 66.0690, 1.5491



47.9694, 85.7983, 2.7078



71.9079, -16.7824, 44.0144



33.6323, 1.9474, 0.7340



29.6327, 53.1123, 0.8117



6.8430, 12.4703, -1.4038

Previews

White Background



This preview shows how the HunterLab color 38.4443, 6.6327, -62.3701 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 38.4443, 6.6327, -62.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

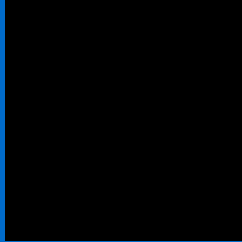
Any Text WCAG AA × Fail

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 38.4443, 6.6327, -62.3701 Background



This preview shows how black text looks on a background with the HunterLab color 38.4443, 6.6327, -62.3701.



This preview shows how white text looks on a background with the HunterLab color 38.4443, 6.6327, -62.3701.

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

38.4443, 6.6327, -62.3701

Protanopia

38.5928, 10.8438, -59.0401

Deuteranopia

38.3967, 2.4597, -53.3023



Tritanopia

38.3744, -18.6509, -7.7027

Trichromacy



Original Color

38.4443, 6.6327, -62.3701

Protanomaly

38.2732, 8.5970, -60.9156

Deuteranomaly

38.3545, 4.2079, -57.0235

Tritanomaly

38.2028, -10.9565, -24.0983

Monochromacy



Original Color

38.4443, 6.6327, -62.3701

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

32.2120, -3.8688, -17.8080

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.4443, 6.6327, -62.3701 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, 107, 202)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 202)  
}
```

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, 107, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 202) }
```

Border

The CSS property to change the border of an element to HunterLab 38.4443, 6.6327, -62.3701 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, 107, 202) }
```


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

```
.border{ border-color:rgb(0, 107, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 107, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 107, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 107, 202); box-shadow:4px 4px 4px 4px rgb(0, 107, 202) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.4443, 6.6327, -62.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 202) }
```

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

```
.background{ background-color: rgb(0, 107,  
202) }
```

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