

Converting Colors

HunterLab(31.9919, 0.1947,
-97.0049)

Have a look what the booklet for
HunterLab(31.9919, 0.1947,
-97.0049) contains.

HunterLab(36.7960, 15.0574, -78.4965)	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(36.7960, 15.0574,
-78.4965)**

Conversions

Conversions Part 1

Format	Color
Hex	0062D5
RGB	0, 98, 213
RGB Percent	0%, 38%, 84%
CMY	0.9998, 0.6157, 0.1647
CMYK	1.00, 0.54, 0.00, 0.16
HSL	212°, 100%, 42%
HSV	212°, 100%, 84%
XYZ	16.3779, 13.5395, 64.7009
YIQ	81.8080, -95.3230, 14.9890

Conversions

Conversions Part 2

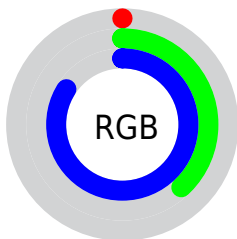
Format	Color
RYB	0, 67, 213
Decimal	25301
CIELab	43.57, 21.49, -65.44
CIELCh	44, 68.883, 288.178
Yxy	13.5398, 0.1731, 0.1431
Android (android.graphics.Color)	4278215381 (0xFF0062D5)
YUV	81.8080, 64.6777, -71.7456
Hunter-Lab	36.7960, 15.0574, -78.4965

Details

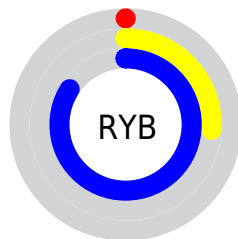
The HunterLab color **36.7960, 15.0574, -78.4965** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **51.3997, 26.6578, 32.1373**, and the grayscale version is **28.7810, -1.5357, 1.5637**.

A 20% lighter version of the original color is **55.8790, 11.2029, -65.7544**, and **22.3171, 19.8042, -70.6460** is the 20% darker color. If you saturate the color by 10%, you get **36.7892, 15.0722, -78.5198**, and if you desaturate by 10%, it is **40.0153, 9.5960, -68.4485**.

Distribution



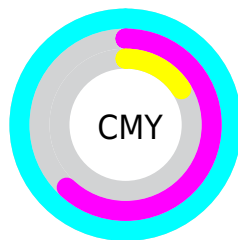
- Red (0%)
- Green (38%)
- Blue (84%)



- Red (0%)
- Yellow (26%)
- Blue (84%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (62%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7960, 15.0574, -78.4965 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 36.7960, 15.0574, -78.4965 by changing the saturation by 10% instead.

■ 36.7960, 15.0574,
-78.4965

■ 36.7960, 15.0574,
-78.4965

■ 146.4065, 17.8571,
-83.7987

■ 27.9308, 14.2942,
-79.7275

■ 56.8069, 16.2420,
-78.4142

■ 19.9200, 13.3893,
-82.7897

■ 67.8461, 16.6881,
-78.9270

■ 12.8674, 12.3236,
-89.9481

■ 79.5201, 17.0512,
-79.6120

■ 6.2828, 14.6069,
-120.9024

■ 91.7961, 17.3393,
-80.3955

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.6459, 17.5589,
-81.2310

0.0000, NaN, -NF

118.0449, 17.7154,

0.0000, NaN, -NF

-82.0888

0.0000, NaN, NaN

131.9716, 17.8135,
-82.9491

■ 36.7960, 15.0574,
-78.4965

■ 36.7960, 15.0574,
-78.4965

■ 36.7892, 15.0722,
-78.5198

■ 40.0153, 9.5960,
-68.4485

■ 43.5732, 4.9815,
-58.7207

■ 47.4691, 1.3178,
-49.3542

■ 51.6691, -1.4483,
-40.4232

■ 56.1392, -3.4066,
-31.9511

■ 60.8483, -4.6572,
-23.9261

■ 65.7690, -5.2962,
-16.3159

■ 70.8779, -5.4101,
-9.0792

■ 76.1553, -5.0737,
-2.1723

Harmonies

Analogous

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



36.7964, -11.7037, -82.2162



36.7960, 15.0574, -78.4965



36.7964, 43.4650, -46.2495

Triad

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



36.7964, 15.0590, -78.4955



36.7964, 37.8912, 22.7853



36.7964, -39.3618, 10.5112

Complementary

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



36.7960, 15.0574, -78.4965



51.3997, 26.6578, 32.1373

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.



36.7964, -32.4226, 21.7457



36.7960, 15.0574, -78.4965



36.7964, 8.9046, 24.8911

Square

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



36.7964, 15.0590, -78.4955



36.7964, 58.9758, 14.0121



36.7964, -16.3656, 24.6684



36.7964, -38.5694, -16.2468

Rectangle

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



36.7960, 15.0574, -78.4965



36.7964, 57.2632, -20.5624



36.7964, -16.3656, 24.6684



36.7964, -37.9581, 15.7088

Sweetspot

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



36.7964, 15.0590, -78.4955



80.4234, -6.4776, -20.3039



69.8537, -53.7331, 28.6859



36.0066, -2.8772, -11.2078

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.7964, 15.0590, -78.4955



44.7332, 19.2616, -97.4929



22.0257, 59.5179, -154.8410



35.9730, -2.3731, -0.8467



29.0979, 11.0525, -60.2289



8.2169, 0.6440, -11.6607

Inverse Universe

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



38.7674, 68.6579, 7.4180



47.4881, 84.0438, 9.6088



77.9081, -23.5656, 47.5929



35.3764, 1.9627, 1.0622



30.3308, 53.7837, 5.3258



7.5596, 13.6114, -0.2720

Previews

White Background



This preview shows how the HunterLab color 36.7960, 15.0574, -78.4965 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 36.7960, 15.0574, -78.4965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

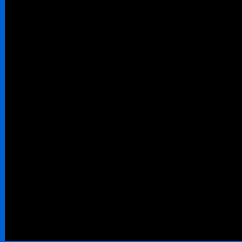
Any Text WCAG AA × Fail

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 36.7960, 15.0574, -78.4965 Background



This preview shows how black text looks on a background with the HunterLab color 36.7960, 15.0574, -78.4965.



This preview shows how white text looks on a background with the HunterLab color 36.7960, 15.0574,

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

36.7960, 15.0574, -78.4965

Protanopia

36.8467, 13.4872, -75.1702

Deuteranopia

36.6597, 1.0529, -48.0943



Tritanopia

36.6266, -17.9518, -7.0273

Trichromacy



Original Color

36.7960, 15.0574, -78.4965

Protanomaly

36.9145, 13.8299, -75.9947

Deuteranomaly

36.5418, 6.2811, -59.2331

Tritanomaly

36.1362, -7.9374, -28.0325

Monochromacy



Original Color

36.7960, 15.0574, -78.4965

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

30.5307, -1.1885, -22.2208

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7960, 15.0574, -78.4965 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, 98, 213)` looks like.

```
.text, #text, p{  
    color:rgb(0, 98, 213)  
}
```

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, 98, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 98, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7960, 15.0574, -78.4965 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, 98, 213) }
```


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

```
.border{ border-color:rgb(0, 98, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 98, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 98, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 98, 213);  
box-shadow:4px 4px 4px 4px rgb(0, 98, 213)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.7960, 15.0574, -78.4965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 98, 213) }
```

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

```
.background{ background-color: rgb(0, 98,  
213) }
```

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