

Converting Colors

HunterLab(37.1516, -7.1996,
-34.3636)

Have a look what the booklet for
HunterLab(37.1516, -7.1996,
-34.3636) contains.

HunterLab(37.5306, -6.3415, -33.2206)	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>	30

Color

**HunterLab(37.5306, -6.3415,
-33.2206)**

Conversions

Conversions Part 1

Format	Color
Hex	006FA5
RGB	0, 111, 165
RGB Percent	0%, 44%, 65%
CMY	0.9999, 0.5647, 0.3529
CMYK	1.00, 0.33, 0.00, 0.35
HSL	200°, 100%, 32%
HSV	200°, 100%, 65%
XYZ	12.4759, 14.0855, 37.6585
YIQ	83.9670, -83.4900, -6.7380

Conversions

Conversions Part 2

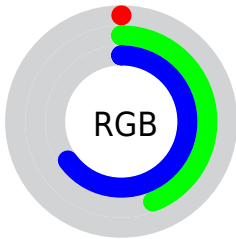
Format	Color
R _{YB}	0, 66, 165
Decimal	28581
CIE Lab	44.36, -6.05, -36.33
CIE LCh	44, 36.826, 260.552
Yxy	14.0859, 0.1943, 0.2193
Android (android.graphics.Color)	4278218661 (0xFF006FA5)
YUV	83.9670, 39.9493, -73.6391
Hunter-Lab	37.5306, -6.3415, -33.2206

Details

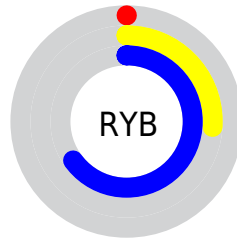
The HunterLab color **37.5306, -6.3415, -33.2206** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **32.6195, 35.0552, 20.7122**, and the grayscale version is **29.6472, -1.5819, 1.6108**.

A 20% lighter version of the original color is **57.5175, -7.9785, -34.4943**, and **22.0432, 0.4070, -28.4307** is the 20% darker color. If you saturate the color by 10%, you get **37.5283, -6.3377, -33.2258**, and if you desaturate by 10%, it is **39.2621, -8.2138, -29.7068**.

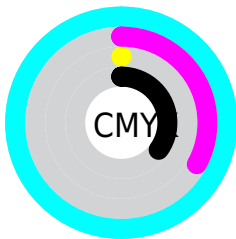
Distribution



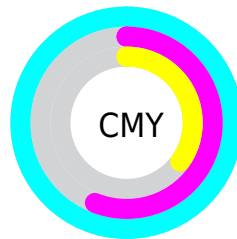
- Red (0%)
- Green (44%)
- Blue (65%)



- Red (0%)
- Yellow (26%)
- Blue (65%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (56%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5306, -6.3415, -33.2206 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 37.5306, -6.3415, -33.2206 by changing the saturation by 10% instead.

37.5306, -6.3415,
-33.2206

37.5306, -6.3415,
-33.2206

147.5685,
-14.8224, -37.8907

28.6015, -5.4701,
-32.6702

57.6553, -8.1122,
-34.4873

20.5198, -4.6008,
-32.3493

68.7460, -9.0189,
-35.1065

13.3868, -3.7197,
-32.6462

80.4688, -9.9419,
-35.6892

6.9442, -4.1641,
-37.4785

92.7911, -10.8821,
-36.2275

0.0000, NaN, -NF

0.0000, NaN, -NF

105.6852,
-11.8400, -36.7175

0.0000, NaN, NaN

119.1267,

0.0000, NaN, NaN

-12.8160, -37.1580

0.0000, NaN, NaN

133.0942,
-13.8101, -37.5489

■ 37.5306, -6.3415,
-33.2206

■ 37.5306, -6.3415,
-33.2206

■ 37.5283, -6.3377,
-33.2258

■ 39.2621, -8.2138,
-29.7068

■ 41.1231, -9.6557,
-26.1526

■ 43.1442, -10.5488,
-22.5187

■ 45.3242, -10.8945,
-18.8285

■ 47.6579, -10.7149,
-15.1071

■ 50.1378, -10.0443,
-11.3768

■ 52.7553, -8.9229,
-7.6556

■ 55.5016, -7.3928,
-3.9569

■ 58.3679, -5.4952,
-0.2902

Harmonies

Analogous

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



37.5312, -17.6866, -23.7432



37.5306, -6.3415, -33.2206



37.5312, 7.9679, -30.9057

Triad

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



37.5312, -6.3409, -33.2198



37.5312, 26.8193, 9.9978



37.5312, -20.6862, 14.9872

Complementary

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



37.5306, -6.3415, -33.2206



32.6195, 35.0552, 20.7122

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.



37.5312, -11.0336, 19.0291



37.5306, -6.3415, -33.2206



37.5312, 16.7680, 16.9727

Square

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



37.5312, -6.3409, -33.2198



37.5312, 28.5673, -2.4295



37.5312, 2.5381, 19.5900



37.5312, -25.1272, 6.0248

Rectangle

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



37.5306, -6.3415, -33.2206



37.5312, 17.2432, -23.2283



37.5312, 2.5381, 19.5900



37.5312, -18.0165, 16.8033

Sweetspot

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



37.5312, -6.3409, -33.2198



70.3968, -12.0412, -10.5265



52.1162, -42.9738, 27.6292



32.2540, -5.9361, -5.8494



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



37.5312, -6.3409, -33.2198



49.8380, -7.8851, -45.2714



19.1291, 34.2988, -97.9458



27.6018, -2.5182, -0.0122



32.7844, -5.7335, -28.6008



5.5345, -1.9603, -2.6859

Inverse Universe

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



30.2452, 55.5853, -9.8715



40.4259, 74.2181, -12.5397



50.2586, -2.1905, 30.9298



26.7629, 1.6216, 0.1621



26.3233, 48.4132, -8.8329



3.9207, 7.3918, -2.7181

Previews

White Background



This preview shows how the HunterLab color 37.5306, -6.3415, -33.2206 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 37.5306, -6.3415, -33.2206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

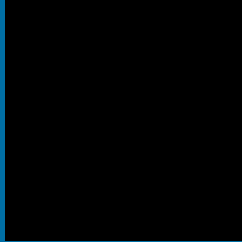
Any Text WCAG AA × Fail

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 37.5306, -6.3415, -33.2206 Background



This preview shows how black text looks on a background with the HunterLab color 37.5306, -6.3415, -33.2206.



This preview shows how white text looks on a background with the HunterLab color 37.5306, -6.3415, -33.2206.

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

37.5306, -6.3415, -33.2206

Protanopia

37.5505, 4.4883, -27.8581

Deuteranopia

37.6277, 2.7490, -33.6115

Trichromacy



Original Color

37.5306, -6.3415, -33.2206

Protanomaly

36.9669, -1.3965, -31.3251

Deuteranomaly

37.1839, -1.5963, -34.6394

Monochromacy



Original Color

37.5306, -6.3415, -33.2206

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.5508, -7.3990, -10.0462

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5306, -6.3415, -33.2206 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, 111, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 165)  
}
```

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, 111, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5306, -6.3415, -33.2206 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, 111, 165) }
```

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

```
.border{ border-color:rgb(0, 111, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 111, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 111,  
165) }
```


Background

The CSS property to change the background color of an element to HunterLab 37.5306, -6.3415, -33.2206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 165) }
```

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

```
.background{ background-color: rgb(0, 111,  
165) }
```

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