

Converting Colors

HunterLab(32.1782, -3.5186,
-32.6243)

Have a look what the booklet for
HunterLab(32.1782, -3.5186,
-32.6243) contains.

HunterLab(32.1782, -3.5186, -32.6243)	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(32.1782, -3.5186,
-32.6243)**

Conversions

Conversions Part 1

Format	Color
Hex	005F95
RGB	0, 95, 149
RGB Percent	0%, 37%, 58%
CMY	0.9999, 0.6274, 0.4157
CMYK	1.00, 0.36, 0.00, 0.42
HSL	202°, 100%, 29%
HSV	202°, 100%, 58%
XYZ	9.5170, 10.3544, 29.9308
YIQ	72.7510, -73.9540, -3.3460

Conversions

Conversions Part 2

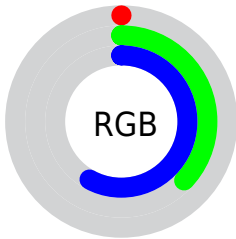
Format	Color
R_{YB}	0, 58, 149
Decimal	24469
CIE _{Lab}	38.47, -2.61, -36.13
CIE _{LCh}	38, 36.220, 265.870
Yxy	10.3547, 0.1911, 0.2079
Android (android.graphics.Color)	4278214549 (0xFF005F95)
YUV	72.7510, 37.5908, -63.8026
Hunter-Lab	32.1782, -3.5186, -32.6243

Details

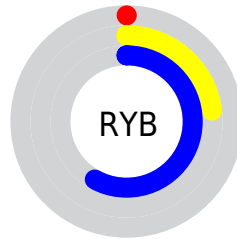
The HunterLab color **32.1782, -3.5186, -32.6243** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **30.0501, 28.8797, 19.0210**, and the grayscale version is **25.6155, -1.3668, 1.3917**.

A 20% lighter version of the original color is **51.3825, -4.9043, -33.6192**, and **17.5456, 2.8975, -28.1854** is the 20% darker color. If you saturate the color by 10%, you get **32.1761, -3.5151, -32.6293**, and if you desaturate by 10%, it is **33.8563, -5.3846, -29.0266**.

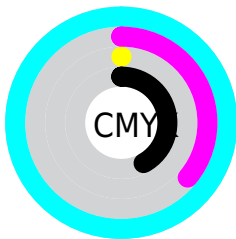
Distribution



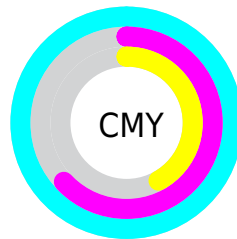
- Red (0%)
- Green (37%)
- Blue (58%)



- Red (0%)
- Yellow (23%)
- Blue (58%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (63%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.1782, -3.5186, -32.6243 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 32.1782, -3.5186, -32.6243 by changing the saturation by 10% instead.

■ 32.1782, -3.5186,
-32.6243

■ 32.1782, -3.5186,
-32.6243

■ 138.9911,
-10.3744, -37.4100

■ 23.7376, -2.8896,
-32.1758

■ 51.4398, -4.8576,
-33.8551

■ 16.1997, -2.2874,
-32.1278

■ 62.1412, -5.5686,
-34.4864

■ 9.6896, -1.7085,
-33.2236

■ 73.4962, -6.3063,
-35.0884

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 85.4694, -7.0702,
-35.6494

0.0000, NaN, NaN

■ 98.0302, -7.8596,
-36.1638

0.0000, NaN, NaN

■ 111.1523, -8.6738,

0.0000, NaN, NaN

-36.6289

0.0000, NaN, NaN

124.8128, -9.5123,
-37.0442

■ 32.1782, -3.5186,
-32.6243

■ 32.1782, -3.5186,
-32.6243

■ 32.1761, -3.5151,
-32.6293

■ 33.8563, -5.3846,
-29.0266

■ 35.6521, -6.8725,
-25.4379

■ 37.5964, -7.8631,
-21.8118

■ 39.6856, -8.3647,
-18.1727

■ 41.9129, -8.4026,
-14.5433

■ 44.2703, -8.0115,
-10.9421

■ 46.7488, -7.2301,
-7.3821

■ 49.3399, -6.0971,
-3.8719

■ 52.0350, -4.6497,
-0.4161

Harmonies

Analogous

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



32.1787, -14.7028, -25.1703



32.1782, -3.5186, -32.6243



32.1787, 10.0642, -28.2464

Triad

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



32.1787, -3.5180, -32.6236



32.1787, 24.3162, 10.5729



32.1787, -20.0758, 12.5291

Complementary

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



32.1782, -3.5186, -32.6243



30.0501, 28.8797, 19.0210

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.



32.1787, -12.0175, 16.7410



32.1782, -3.5186, -32.6243



32.1787, 13.7193, 15.9712

Square

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



32.1787, -3.5180, -32.6236



32.1787, 27.5573, -0.0278



32.1787, 0.1211, 17.6849



32.1787, -23.2401, 3.4348

Rectangle

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



32.1782, -3.5186, -32.6243



32.1787, 18.4980, -19.8791



32.1787, 0.1211, 17.6849



32.1787, -17.9195, 14.3948

Sweetspot

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



32.1787, -3.5180, -32.6236



62.3491, -9.7550, -10.1744



46.6312, -38.0759, 23.9117



28.7511, -4.8014, -5.6391



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



32.1787, -3.5180, -32.6236



42.6494, -4.0434, -44.5796



16.6077, 32.4066, -90.7097



24.9243, -2.1577, -0.0698



29.6159, -3.3808, -29.7191



4.0437, -1.4941, -1.8290

Inverse Universe

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



26.8633, 49.0751, -6.4835



35.8983, 65.4991, -7.9834



46.3456, -4.3083, 28.4817



24.2361, 1.3869, 0.2639



24.6552, 45.0662, -6.1102



2.8297, 5.3495, -2.0753

Previews

White Background



This preview shows how the HunterLab color 32.1782, -3.5186, -32.6243 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 32.1782, -3.5186, -32.6243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

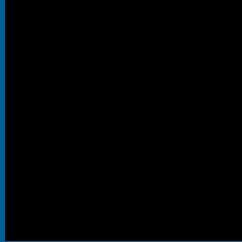
Any Text WCAG AA × Fail

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 32.1782, -3.5186, -32.6243 Background



This preview shows how black text looks on a background with the HunterLab color 32.1782, -3.5186, -32.6243.



This preview shows how white text looks on a background with the HunterLab color 32.1782, -3.5186, -32.6243.

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

32.1782, -3.5186, -32.6243

Protanopia

32.2955, 4.5907, -27.7270

Deuteranopia

32.2711, 2.5014, -33.0831



Tritanopia

32.2336, -15.6489, -6.5077

Trichromacy



Original Color

32.1782, -3.5186, -32.6243

Protanomaly

31.7559, 0.2667, -30.4422

Deuteranomaly

31.9055, -0.1156, -33.9616

Tritanomaly

32.1772, -11.7257, -14.9062

Monochromacy



Original Color

32.1782, -3.5186, -32.6243

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

27.2127, -5.5229, -10.1532

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.1782, -3.5186, -32.6243 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, 95, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 95, 149)  
}
```

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, 95, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 95, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 32.1782, -3.5186, -32.6243 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, 95, 149) }
```


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

```
.border{ border-color:rgb(0, 95, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 95, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 95, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 95, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 95, 149)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 32.1782, -3.5186, -32.6243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 95, 149) }
```

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

```
.background{ background-color: rgb(0, 95,  
149) }
```

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