

Converting Colors

HunterLab(36.4795, -5.1987,
-16.0783)

Have a look what the booklet for
HunterLab(36.4795, -5.1987,
-16.0783) contains.

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Color

**HunterLab(36.4795, -5.1987,
-16.0783)**

Conversions

Conversions Part 1

Format	Color
Hex	436A89
RGB	67, 106, 137
RGB Percent	26%, 42%, 54%
CMY	0.7372, 0.5843, 0.4627
CMYK	0.51, 0.23, 0.00, 0.46
HSL	207°, 34%, 40%
HSV	207°, 51%, 54%
XYZ	11.9842, 13.3075, 25.6039
YIQ	97.8730, -33.1950, 1.3730

Conversions

Conversions Part 2

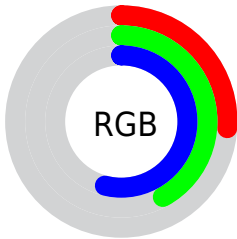
Format	Color
R_{YB}	67, 92, 137
Decimal	4418185
CIE _{Lab}	43.22, -4.55, -21.34
CIE _{LCh}	43, 21.817, 257.964
Yxy	13.3080, 0.2355, 0.2615
Android (android.graphics.Color)	4282608265 (0xFF436A89)
YUV	97.8730, 19.2896, -27.0756
Hunter-Lab	36.4795, -5.1987, -16.0783

Details

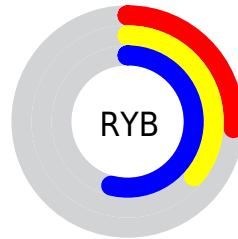
The HunterLab color $36.4795, -5.1987, -16.0783$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $38.0257, 7.1435, 15.2757$, and the grayscale version is $34.8407, -1.8590, 1.8930$.

A 20% lighter version of the original color is $56.3503, -6.8802, -16.6542$, and $19.6664, -3.6980, -15.1302$ is the 20% darker color. If you saturate the color by 10%, you get $34.1659, -4.6692, -20.0998$, and if you desaturate by 10%, it is $38.9179, -5.3381, -12.1686$.

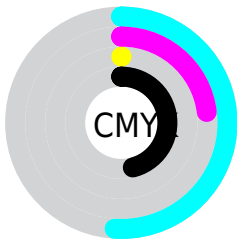
Distribution



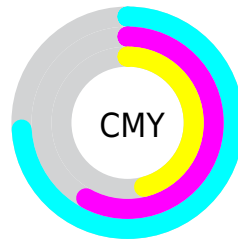
- Red (26%)
- Green (42%)
- Blue (54%)



- Red (26%)
- Yellow (36%)
- Blue (54%)



- Cyan (51%)
- Magenta (23%)
- Yellow (0%)
- Black (46%)



- Cyan (74%)
- Magenta (58%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4795, -5.1987, -16.0783 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 36.4795, -5.1987, -16.0783 by changing the saturation by 10% instead.

■ 36.4795, -5.1987,
-16.0783

■ 36.4795, -5.1987,
-16.0783

■ 145.9049,
-13.0083, -17.4898

■ 27.6424, -4.4289,
-15.6222

■ 56.4412, -6.7909,
-16.8092

■ 19.6624, -3.6713,
-15.1339

■ 67.4580, -7.6166,
-17.0786

■ 12.6449, -2.9168,
-14.6940

■ 79.1109, -8.4630,
-17.2856

■ 5.9740, -3.6374,
-17.6622

■ 91.3669, -9.3304,
-17.4333

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 104.1975,
-10.2187, -17.5247

0.0000, NaN, NaN

117.5781,

0.0000, NaN, NaN

-11.1280, -17.5628

0.0000, NaN, NaN

131.4871,
-12.0579, -17.5503

■ 36.4795, -5.1987,
-16.0783

■ 36.4795, -5.1987,
-16.0783

■ 34.1659, -4.6692,
-20.0998

■ 38.9179, -5.3381,
-12.1686

■ 31.9863, -3.7085,
-24.2248

■ 41.4683, -5.1290,
-8.3757

■ 29.9520, -2.2825,
-28.4329

■ 44.1216, -4.6117,
-4.6968

■ 28.0717, -0.3727,
-32.6961

■ 46.8687, -3.8226,
-1.1261

■ 26.4962, 1.6151,
-36.6045

■ 49.7017, -2.7943,
2.3440

■ 52.6134, -1.5553,
5.7223

■ 55.5975, -0.1303,
9.0176

■ 58.6485, 1.4596,
12.2385

■ 61.7616, 3.1961,
15.3931

Harmonies

Analogous

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



36.4802, -11.9775, -11.0992



36.4795, -5.1987, -16.0783



36.4802, 3.0759, -15.4898

Triad

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



36.4802, -5.1988, -16.0776



36.4802, 14.4069, 6.3414



36.4802, -13.0021, 10.7163

Complementary

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



36.4795, -5.1987, -16.0783



38.0257, 7.1435, 15.2757

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.



36.4802, -6.7148, 13.6243



36.4795, -5.1987, -16.0783



36.4802, 9.2967, 11.5123

Square

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



36.4802, -5.1988, -16.0776



36.4802, 14.9046, -1.3043



36.4802, 1.4198, 13.8790



36.4802, -16.2070, 4.9953

Rectangle

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



36.4795, -5.1987, -16.0783



36.4802, 8.3356, -12.0326



36.4802, 1.4198, 13.8790



36.4802, -11.2060, 11.9946

Sweetspot

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



36.4802, -5.1988, -16.0776



61.1473, -5.6044, -3.5152



44.6702, -24.4909, 11.9771



28.6430, -2.7448, -2.0761



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



36.4802, -5.1988, -16.0776



45.3453, -6.1199, -27.5825



27.5531, 10.9069, -33.7590



23.0738, -1.7722, -0.2177



25.6195, 1.4753, -35.2069



2.6992, -0.8364, -1.5683

Inverse Universe

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



32.2084, 26.3537, -4.7938



39.3392, 43.1827, -6.9813



47.2409, -8.5127, 22.2953



22.5659, 1.1827, 0.4640



23.3384, 42.0790, -1.2857



1.9783, 3.7027, -1.1615

Previews

White Background



This preview shows how the HunterLab color 36.4795, -5.1987, -16.0783 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 36.4795, -5.1987, -16.0783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

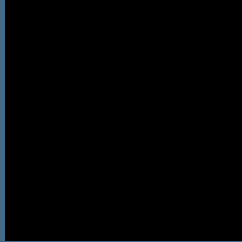
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

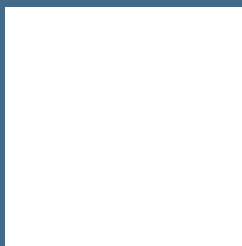
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 36.4795, -5.1987, -16.0783 Background



This preview shows how black text looks on a background with the HunterLab color 36.4795, -5.1987, -16.0783.



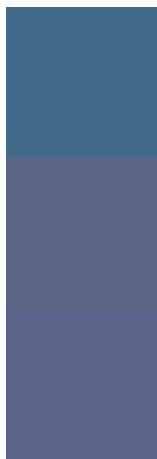
This preview shows how white text looks on a background with the HunterLab color 36.4795, -5.1987, -16.0783.

-16.0783.

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

36.4795, -5.1987, -16.0783

Protanopia

36.5075, 1.6374, -13.5137

Deuteranopia

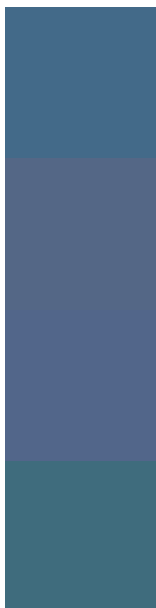
36.2953, 2.6746, -16.8664



Tritanopia

36.3832, -11.3562, -5.7102

Trichromacy



Original Color

36.4795, -5.1987, -16.0783

Protanomaly

36.4781, -1.1556, -14.2013

Deuteranomaly

36.2375, -0.2738, -17.0163

Tritanomaly

36.4178, -9.2558, -9.3091

Monochromacy



Original Color

36.4795, -5.1987, -16.0783

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.3602, -3.7835, -3.9806

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4795, -5.1987, -16.0783 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(67, 106, 137)` looks like.

```
.text, #text, p{  
    color:rgb(67, 106, 137)  
}
```

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(67, 106, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 106, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4795, -5.1987, -16.0783 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(67, 106, 137) }
```


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

```
.border{ border-color:rgb(67, 106, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 106, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 106, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 106, 137);  
box-shadow:4px 4px 4px 4px rgb(67, 106,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4795, -5.1987, -16.0783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 106, 137) }
```

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

```
.background{ background-color: rgb(67, 106,  
137) }
```

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](#).

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