

Converting Colors

HunterLab(36.4685, -7.9007,
-18.3791)

Have a look what the booklet for
HunterLab(36.4685, -7.9007,
-18.3791) contains.

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Color

**HunterLab(36.4708, -7.8479,
-18.6304)**

Conversions

Conversions Part 1

Format	Color
Hex	316C8D
RGB	49, 108, 141
RGB Percent	19%, 42%, 55%
CMY	0.8078, 0.5765, 0.4471
CMYK	0.65, 0.23, 0.00, 0.45
HSL	202°, 48%, 37%
HSV	202°, 65%, 55%
XYZ	11.4369, 13.3012, 27.1639
YIQ	94.1210, -45.7570, -2.2450

Conversions

Conversions Part 2

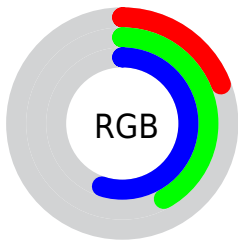
Format	Color
R_{YB}	49, 85, 141
Decimal	3239053
CIE _{Lab}	43.21, -8.38, -23.81
CIE _{LCh}	43, 25.244, 250.602
Yxy	13.3017, 0.2204, 0.2563
Android (android.graphics.Color)	4281429133 (0xFF316C8D)
YUV	94.1210, 23.1113, -39.5711
Hunter-Lab	36.4708, -7.8479, -18.6304




Details

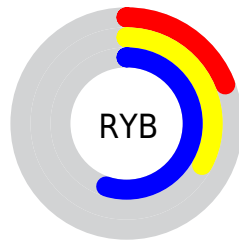
The HunterLab color **36.4708, -7.8479, -18.6304** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **34.5251, 14.8417, 16.5430**, and the grayscale version is **33.4312, -1.7838, 1.8164**.




A 20% lighter version of the original color is **56.3380, -9.6419, -19.7887**, and **20.2307, -4.0189, -16.6109** is the 20% darker color. If you saturate the color by 10%, you get **34.5950, -7.1776, -21.9963**, and if you desaturate by 10%, it is **38.4797, -8.0732, -15.2582**.

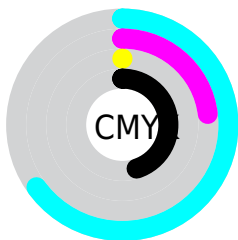
Distribution







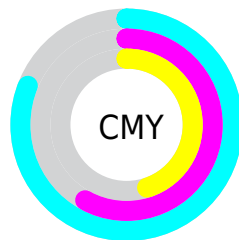
-  Red (19%)
-  Green (42%)
-  Blue (55%)






-  Red (19%)
-  Yellow (33%)
-  Blue (55%)



-  Cyan (65%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (81%)
-  Magenta (58%)
-  Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4708, -7.8479, -18.6304 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 36.4708, -7.8479, -18.6304 by changing the saturation by 10% instead.

36.4708, -7.8479,
-18.6304

36.4708, -7.8479,
-18.6304

145.8911,
-17.3465, -20.7050

27.6344, -6.8184,
-18.1232

56.4311, -9.8952,
-19.4974

19.6553, -5.7701,
-17.6121

67.4473, -10.9253,
-19.8414

12.6388, -4.6794,
-17.2155

79.0996, -11.9643,
-20.1246

5.9653, -6.4432,
-20.7967

91.3550, -13.0143,
-20.3488

0.0000, NaN, -NF

0.0000, NaN, NaN

104.1851,
-14.0766, -20.5163

0.0000, NaN, NaN

117.5652,

0.0000, NaN, NaN

-15.1523, -20.6298

0.0000, NaN, NaN

131.4737,
-16.2421, -20.6919

■ 36.4708, -7.8479,
-18.6304

■ 36.4708, -7.8479,
-18.6304

■ 34.5950, -7.1776,
-21.9963

■ 38.4797, -8.0732,
-15.2582

■ 32.8550, -6.0462,
-25.3359

■ 40.6127, -7.8820,
-11.9012

■ 31.2490, -4.4698,
-28.6350

■ 42.8627, -7.3083,
-8.5735

■ 30.5075, -3.6558,
-30.2398

■ 45.2217, -6.3879,
-5.2855

■ 47.6818, -5.1562,
-2.0434

■ 50.2355, -3.6465,
1.1495

■ 52.8759, -1.8889,
4.2924

■ 55.5965, 0.0892,
7.3861

■ 58.3915, 2.2638,
10.4329

Harmonies

Analogous

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



36.4715, -14.8673, -11.3085



36.4708, -7.8479, -18.6304



36.4715, 1.4918, -19.6925

Triad

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



36.4715, -7.8478, -18.6297



36.4715, 17.9100, 5.0546



36.4715, -13.1441, 12.9122

Complementary

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



36.4708, -7.8479, -18.6304



34.5251, 14.8417, 16.5430

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.



36.4715, -5.2648, 15.3181



36.4708, -7.8479, -18.6304



36.4715, 13.0649, 11.6208

Square

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



36.4715, -7.8478, -18.6297



36.4715, 17.0357, -4.3050



36.4715, 4.3525, 14.9157



36.4715, -17.7005, 7.3227

Rectangle

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



36.4708, -7.8479, -18.6304



36.4715, 7.8771, -16.4741



36.4715, 4.3525, 14.9157



36.4715, -10.8318, 14.0457

Sweetspot

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



36.4715, -7.8478, -18.6297



62.0856, -7.8038, -4.9756



45.0557, -30.1785, 16.9381



28.9610, -3.8735, -2.8572



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



36.4715, -7.8478, -18.6297



45.2417, -9.0114, -31.4208



24.7176, 13.3710, -44.9812



24.0733, -2.0901, -0.0509



29.1835, -3.5744, -28.7607



3.5109, -1.3059, -1.5693

Inverse Universe

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



29.9042, 35.9504, -9.0735



36.5478, 56.3063, -12.0417



45.9515, -6.0088, 24.4600



23.4065, 1.3273, 0.2508



24.1787, 44.2305, -6.2652



2.4519, 4.6374, -1.8146

Previews

White Background



This preview shows how the HunterLab color 36.4708, -7.8479, -18.6304 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 36.4708, -7.8479, -18.6304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

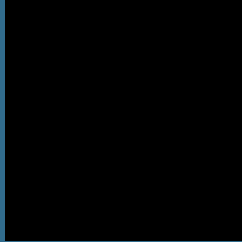
Any Text WCAG AA × Fail

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 36.4708, -7.8479, -18.6304 Background



This preview shows how black text looks on a background with the HunterLab color 36.4708, -7.8479, -18.6304.



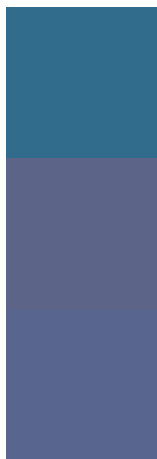
This preview shows how white text looks on a background with the HunterLab color 36.4708, -7.8479, -18.6304.

-18.6304.

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

36.4708, -7.8479, -18.6304

Protanopia

36.2477, 2.2785, -15.1173

Deuteranopia

36.4921, 2.3794, -19.6933



Tritanopia

36.5799, -14.9994, -7.0418

Trichromacy



Original Color

36.4708, -7.8479, -18.6304

Protanomaly

36.1153, -2.1811, -16.6378

Deuteranomaly

36.4281, -2.1043, -19.2419

Tritanomaly

36.6328, -12.7710, -10.7036

Monochromacy



Original Color

36.4708, -7.8479, -18.6304

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

34.1922, -5.1624, -5.0991

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4708, -7.8479, -18.6304 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(49, 108, 141)` looks like.

```
.text, #text, p{  
    color:rgb(49, 108, 141)  
}
```

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(49, 108, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 108, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4708, -7.8479, -18.6304 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(49, 108, 141) }
```


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

```
.border{ border-color:rgb(49, 108, 141) }
```

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

Here you see how a box with a 4 pixel rgb(49, 108, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 108, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 108, 141);  
box-shadow:4px 4px 4px 4px rgb(49, 108,  
141) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4708, -7.8479, -18.6304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 108, 141) }
```

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

```
.background{ background-color: rgb(49, 108,  
141) }
```

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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