

Converting Colors

HunterLab(36.9137, -3.4620,
-29.3438)

Have a look what the booklet for
HunterLab(36.9137, -3.4620,
-29.3438) contains.

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Color

HunterLab(36.8624, -3.4883,
-29.3752)

Conversions

Conversions Part 1

Format	Color
Hex	2F6B9E
RGB	47, 107, 158
RGB Percent	18%, 42%, 62%
CMY	0.8157, 0.5804, 0.3804
CMYK	0.70, 0.32, 0.00, 0.38
HSL	208°, 54%, 40%
HSV	208°, 70%, 62%
XYZ	12.6016, 13.5884, 34.3064
YIQ	94.8740, -52.1310, 3.1410

Conversions

Conversions Part 2

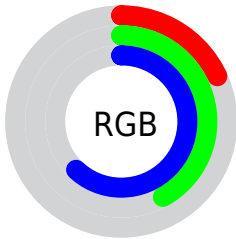
Format	Color
RYB	47, 86, 158
Decimal	3107742
CIELab	43.64, -2.10, -33.27
CIELCh	44, 33.336, 266.391
Yxy	13.5888, 0.2083, 0.2246
Android (android.graphics.Color)	4281297822 (0xFF2F6B9E)
YUV	94.8740, 31.1211, -41.9855
Hunter-Lab	36.8624, -3.4883, -29.3752

Details

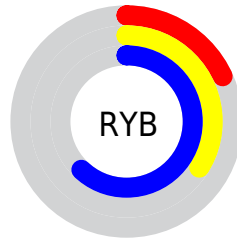
The HunterLab color $36.8624, -3.4883, -29.3752$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $40.2629, 13.6949, 21.0882$, and the grayscale version is $33.6842, -1.7973, 1.8301$.

A 20% lighter version of the original color is $56.8524, -4.7324, -30.7005$, and $20.6696, 0.2489, -26.3725$ is the 20% darker color. If you saturate the color by 10%, you get $34.3919, -1.6647, -34.6035$, and if you desaturate by 10%, it is $39.5129, -4.7458, -24.2744$.

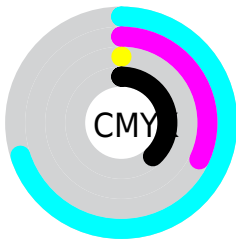
Distribution



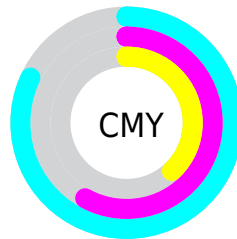
- Red (18%)
- Green (42%)
- Blue (62%)



- Red (18%)
- Yellow (34%)
- Blue (62%)



- Cyan (70%)
- Magenta (32%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8624, -3.4883, -29.3752 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 36.8624, -3.4883, -29.3752 by changing the saturation by 10% instead.

■ 36.8624, -3.4883,
-29.3752

■ 36.8624, -3.4883,
-29.3752

■ 146.5120,
-10.2435, -33.5378

■ 27.9915, -2.8786,
-28.8056

■ 56.8838, -4.7972,
-30.5885

■ 19.9743, -2.3002,
-28.4014

■ 67.9277, -5.4956,
-31.1573

■ 12.9144, -1.7518,
-28.4856

■ 79.6061, -6.2218,
-31.6814

■ 6.3457, -1.7798,
-34.0239

■ 91.8864, -6.9751,
-32.1556

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.7402, -7.7547,
-32.5780

0.0000, NaN, NaN

■ 118.1431, -8.5597,

0.0000, NaN, NaN

-32.9486

0.0000, NaN, NaN

132.0735, -9.3895,
-33.2681

■ 36.8624, -3.4883,
-29.3752

■ 36.8624, -3.4883,
-29.3752

■ 34.3919, -1.6647,
-34.6035

■ 39.5129, -4.7458,
-24.2744

■ 32.1118, 0.7494,
-39.9259

■ 42.3271, -5.4832,
-19.3260

■ 30.0487, 3.5625,
-45.2487

■ 45.2910, -5.7523,
-14.5391

■ 48.3908, -5.6063,
-9.9138

■ 51.6140, -5.0949,
-5.4437

■ 54.9493, -4.2632,
-1.1184

■ 58.3869, -3.1510,
3.0742

■ 61.9180, -1.7924,
7.1472

■ 65.5351, -0.2172,
11.1132

Harmonies

Analogous

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



36.8630, -14.4934, -22.9440



36.8624, -3.4883, -29.3752



36.8630, 9.4820, -25.3318

Triad

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



36.8630, -3.4880, -29.3744



36.8630, 22.4571, 10.8835



36.8630, -20.1234, 12.6568

Complementary

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



36.8624, -3.4883, -29.3752



40.2629, 13.6949, 21.0882

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.



36.8630, -12.1729, 17.3018



36.8624, -3.4883, -29.3752



36.8630, 12.4892, 16.5470

Square

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



36.8630, -3.4880, -29.3744



36.8630, 25.5932, 0.5197



36.8630, -0.4248, 18.4385



36.8630, -23.2451, 3.4339

Rectangle

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



36.8624, -3.4883, -29.3752



36.8630, 17.3550, -17.7942



36.8630, -0.4248, 18.4385



36.8630, -17.9842, 14.6673

Sweetspot

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



36.8630, -3.4880, -29.3744



69.0417, -6.9691, -8.0252



50.9123, -34.5599, 17.6098



32.2430, -3.4082, -4.5447



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



36.8630, -3.4880, -29.3744



44.6563, -0.5885, -50.4867



23.6202, 23.6347, -66.2298



26.4563, -1.9924, -0.3314



27.0388, 2.9185, -40.0963



4.6355, -1.2524, -3.0905

Inverse Universe

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



32.1937, 42.1958, -5.0418



39.7730, 64.9081, -4.2004



54.8430, -11.6271, 30.6823



25.8903, 1.4049, 0.5619



25.2196, 45.3243, -0.2540



3.4960, 6.5054, -1.7594

Previews

White Background



This preview shows how the HunterLab color 36.8624, -3.4883, -29.3752 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 36.8624, -3.4883, -29.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

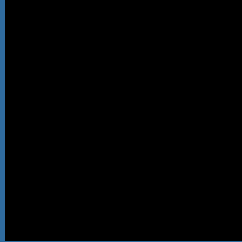
Any Text WCAG AA × Fail

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 36.8624, -3.4883, -29.3752 Background



This preview shows how black text looks on a background with the HunterLab color 36.8624, -3.4883, -29.3752.

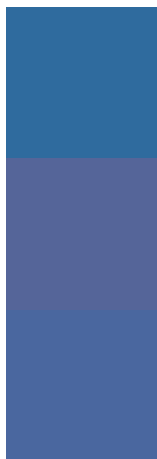


This preview shows how white text looks on a background with the HunterLab color 36.8624, -3.4883, -29.3752.

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

36.8624, -3.4883, -29.3752

Protanopia

36.7948, 4.2529, -25.8146

Deuteranopia

36.9588, 2.6109, -29.8002



Tritanopia

36.8563, -16.9213, -7.7305

Trichromacy



Original Color

36.8624, -3.4883, -29.3752

Protanomaly

36.6151, 1.0794, -27.6334

Deuteranomaly

36.7339, 0.4540, -30.2987

Tritanomaly

36.5969, -12.3080, -15.4005

Monochromacy



Original Color

36.8624, -3.4883, -29.3752

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.4258, -3.8643, -8.3732

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8624, -3.4883, -29.3752 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(47, 107, 158)` looks like.

```
.text, #text, p{  
    color:rgb(47, 107, 158)  
}
```

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(47, 107, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 107, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8624, -3.4883, -29.3752 is called "border". The border property can be set on classes, ids or directly on the HTML element.

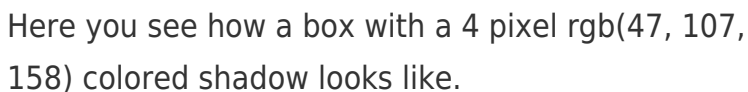
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(47, 107, 158) }
```


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

```
.border{ border-color:rgb(47, 107, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(47, 107, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 107, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 107, 158);  
box-shadow:4px 4px 4px 4px rgb(47, 107,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8624, -3.4883, -29.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 107, 158) }
```

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

```
.background{ background-color: rgb(47, 107,  
158) }
```

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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