

Converting Colors

HunterLab(36.8313, -10.2563,
-1.1197)

Have a look what the booklet for
HunterLab(36.8313, -10.2563,
-1.1197) contains.

HunterLab(36.8224, -10.2202, -1.2419)	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(36.8224,
-10.2202, -1.2419)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6D6E
RGB	75, 109, 110
RGB Percent	29%, 43%, 43%
CMY	0.7059, 0.5725, 0.5686
CMYK	0.32, 0.01, 0.00, 0.57
HSL	182°, 19%, 36%
HSV	182°, 32%, 43%
XYZ	11.1847, 13.5589, 16.7794
YIQ	98.9480, -20.5850, -6.8970

Conversions

Conversions Part 2

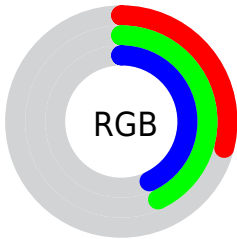
Format	Color
R_{YB}	75, 92, 110
Decimal	4943214
CIELab	43.59, -11.85, -4.48
CIElCh	44, 12.669, 200.701
Yxy	13.5594, 0.2694, 0.3265
Android (android.graphics.Color)	4283133294 (0xFF4B6D6E)
YUV	98.9480, 5.4486, -21.0024
Hunter-Lab	36.8224, -10.2202, -1.2419

Details

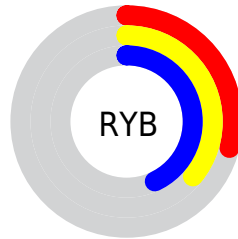
The HunterLab color $36.8224, -10.2202, -1.2419$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $29.9865, 8.7466, 5.4686$, and the grayscale version is $35.2899, -1.8830, 1.9174$.

A 20% lighter version of the original color is $56.9722, -12.8395, -0.6918$, and $19.8576, -7.3808, -1.9340$ is the 20% darker color. If you saturate the color by 10%, you get $36.1756, -12.1666, -2.0996$, and if you desaturate by 10%, it is $37.5621, -7.9725, -0.2794$.

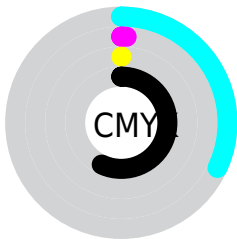
Distribution



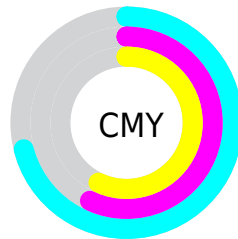
- Red (29%)
- Green (43%)
- Blue (43%)



- Red (29%)
- Yellow (36%)
- Blue (43%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (57%)



- Cyan (71%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8224, -10.2202, -1.2419 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 36.8224, -10.2202, -1.2419 by changing the saturation by 10% instead.

■ 36.8224, -10.2202,
-1.2419

■ 36.8224, -10.2202,
-1.2419

146.4488,
-21.2712, 2.9609

■ 27.9551, -8.9518,
-1.4650

■ 56.8377, -12.6874,
-0.6169

■ 19.9417, -7.6350,
-1.6179

■ 67.8788, -13.9054,
-0.2279

■ 12.8862, -6.2330,
-1.6868

■ 79.5546, -15.1213,
0.2064

■ 6.3081, -8.5232,
-2.5994

■ 91.8323, -16.3389,
0.6828

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.6837,
-17.5608, 1.1986

0.0000, NaN, NaN

118.0843,

0.0000, NaN, NaN

-18.7892, 1.7515

0.0000, NaN, NaN

132.0124,
-20.0256, 2.3395

■ 36.8224, -10.2202,
-1.2419

■ 36.8224, -10.2202,
-1.2419

■ 36.1756, -12.1666,
-2.0996

■ 37.5621, -7.9725,
-0.2794

■ 35.6188, -13.7980,
-2.8492

■ 38.3919, -5.4393,
0.7796

■ 35.1511, -15.1091,
-3.4871

■ 39.3112, -2.6419,
1.9279

■ 34.7691, -16.1017,
-4.0132

■ 40.3179, 0.3967,
3.1569

■ 34.4680, -16.7869,
-4.4305

■ 41.4093, 3.6527,
4.4581

■ 34.2405, -17.1874,
-4.7463

■ 42.5823, 7.1022,
5.8231

■ 34.0771, -17.4269,
-4.9736

■ 43.8335, 10.7219,
7.2438

■ 45.1593, 14.4903,
8.7126

■ 46.5562, 18.3873,
10.2227

Harmonies

Analogous

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



36.8231, -10.6520, 3.3971



36.8224, -10.2202, -1.2419



36.8231, -7.6403, -5.4700

Triad

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



36.8231, -10.2206, -1.2413



36.8231, 5.4628, -4.0111



36.8231, -0.4612, 9.6688

Complementary

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



36.8224, -10.2202, -1.2419



29.9865, 8.7466, 5.4686

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.



36.8231, 4.0725, 8.1803



36.8224, -10.2202, -1.2419



36.8231, 7.6064, 0.5551

Square

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



36.8231, -10.2206, -1.2413



36.8231, 1.3580, -7.2061



36.8231, 7.0849, 4.9792



36.8231, -5.1776, 9.3175

Rectangle

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



36.8224, -10.2202, -1.2419



36.8231, -4.9722, -7.2978



36.8231, 7.0849, 4.9792



36.8231, 1.1382, 9.3750

Sweetspot

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



36.8231, -10.2206, -1.2413



51.0586, -6.6556, 1.2617



36.2822, -15.4381, 11.0366



24.5716, -3.3902, 0.5344



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



36.8231, -10.2206, -1.2413



48.1686, -15.4417, -2.4778



32.0340, -2.9213, -7.6157



19.4927, -2.3622, 0.5510



37.3400, -19.0887, -5.4646



83.2045, -42.4417, -12.3789

Inverse Universe

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



30.7434, 14.1719, -8.7113



38.4970, 23.7581, -14.8239



34.1564, 0.9641, 9.5086



18.5793, 1.2131, -0.4452



22.9202, 44.7967, -28.1747



51.1337, 99.9053, -62.5952

Previews

White Background



This preview shows how the HunterLab color 36.8224, -10.2202, -1.2419 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 36.8224, -10.2202, -1.2419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

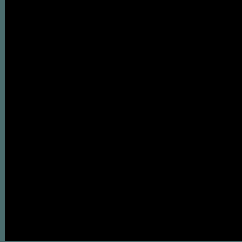
Any Text WCAG AA × Fail

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 36.8224, -10.2202, -1.2419 Background



This preview shows how black text looks on a background with the HunterLab color 36.8224, -10.2202, -1.2419.



This preview shows how white text looks on a background with the HunterLab color 36.8224, -10.2202, -1.2419.

-10.2202, -1.2419.

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

36.8224, -10.2202, -1.2419

Protanopia

36.7238, -0.7785, 0.6009

Deuteranopia

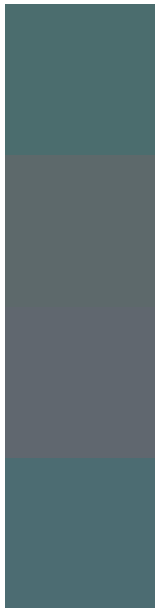
36.7047, 2.2272, -2.1054



Tritanopia

36.8609, -8.1685, -4.4996

Trichromacy



Original Color

36.8224, -10.2202, -1.2419

Protanomaly

36.7312, -4.8969, 0.0951

Deuteranomaly

36.5171, -2.5915, -1.9612

Tritanomaly

36.7104, -8.9077, -3.2465

Monochromacy



Original Color

36.8224, -10.2202, -1.2419

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.8517, -5.4096, 0.7760

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8224, -10.2202, -1.2419 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(75, 109, 110)` looks like.

```
.text, #text, p{  
    color:rgb(75, 109, 110)  
}
```

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(75, 109, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 109, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8224, -10.2202, -1.2419 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(75, 109, 110) }
```


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

```
.border{ border-color:rgb(75, 109, 110) }
```

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

Here you see how a box with a 4 pixel rgb(75, 109, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 109, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 109, 110);  
box-shadow:4px 4px 4px 4px rgb(75, 109,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8224, -10.2202, -1.2419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 109, 110) }
```

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

```
.background{ background-color: rgb(75, 109,  
110) }
```

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