

Converting Colors

HunterLab(19.0132, -3.6017,
-4.4201)

Have a look what the booklet for
HunterLab(19.0132, -3.6017,
-4.4201) contains.

HunterLab(19.0132, -3.6017, -4.4201)	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(19.0132, -3.6017,
-4.4201)**

Conversions

Conversions Part 1

Format	Color
Hex	253842
RGB	37, 56, 66
RGB Percent	15%, 22%, 26%
CMY	0.8549, 0.7804, 0.7412
CMYK	0.44, 0.15, 0.00, 0.74
HSL	201°, 28%, 20%
HSV	201°, 44%, 26%
XYZ	3.1605, 3.6150, 5.6855
YIQ	51.4590, -14.5340, -0.9180

Conversions

Conversions Part 2

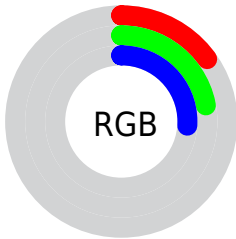
Format	Color
R_{YB}	37, 48, 66
Decimal	2439234
CIE Lab	22.36, -4.54, -8.62
CIE LCh	22, 9.746, 242.222
Yxy	3.6152, 0.2536, 0.2901
Android (android.graphics.Color)	4280629314 (0xFF253842)
YUV	51.4590, 7.1687, -12.6805
Hunter-Lab	19.0132, -3.6017, -4.4201

Details

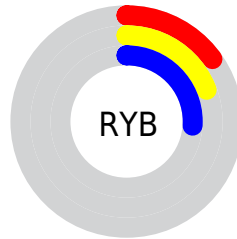
The HunterLab color **19.0132, -3.6017, -4.4201** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.2343, 3.3045, 5.6024**, and the grayscale version is **18.3295, -0.9780, 0.9959**.

A 20% lighter version of the original color is **35.7133, -5.2457, -4.5146**, and **5.9481, -1.1423, -4.9686** is the 20% darker color. If you saturate the color by 10%, you get **18.1337, -3.8076, -5.7454**, and if you desaturate by 10%, it is **19.9353, -3.2604, -3.1027**.

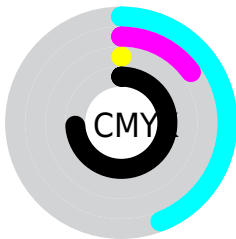
Distribution



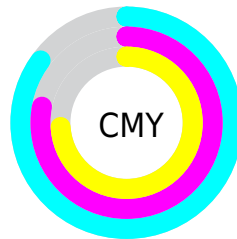
- Red (15%)
- Green (22%)
- Blue (26%)



- Red (15%)
- Yellow (19%)
- Blue (26%)



- Cyan (44%)
- Magenta (15%)
- Yellow (0%)
- Black (74%)



- Cyan (85%)
- Magenta (78%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0132, -3.6017, -4.4201 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 19.0132, -3.6017, -4.4201 by changing the saturation by 10% instead.

■ 19.0132, -3.6017,
-4.4201

■ 19.0132, -3.6017,
-4.4201

■ 116.3958,
-11.0406, -2.7944

■ 12.0860, -2.8476,
-4.2414

■ 35.6814, -5.1263,
-4.5022

■ 5.1071, -4.1481,
-6.7207

■ 45.2354, -5.9109,
-4.4279

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.5165, -6.7143,
-4.2881

0.0000, NaN, NaN

■ 66.4764, -7.5379,
-4.0892

0.0000, NaN, NaN

■ 78.0755, -8.3821,
-3.8365

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.2802, -9.2473,

-3.5342

0.0000, NaN, NaN

103.0620,
-10.1335, -3.1858

19.0132, -3.6017,
-4.4201

19.0132, -3.6017,
-4.4201

18.1337, -3.8076,
-5.7454

19.9353, -3.2604,
-3.1027

17.2981, -3.8661,
-7.0753

20.8962, -2.7952,
-1.7974

16.5094, -3.7667,
-8.4037

21.8939, -2.2176,
-0.5062

15.7693, -3.5014,
-9.7238

22.9259, -1.5385,
0.7699

15.0574, -3.1450,
-11.0724

23.9899, -0.7679,
2.0303

■ 14.6247, -2.9386,
-11.9359

■ 25.0838, 0.0851,
3.2748

■ 26.2058, 1.0125,
4.5040

■ 27.3539, 2.0069,
5.7184

■ 28.5266, 3.0619,
6.9188

Harmonies

Analogous

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



19.0136, -5.6050, -2.0920



19.0132, -3.6017, -4.4201



19.0136, -0.7938, -5.2256

Triad

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



19.0136, -3.6019, -4.4198



19.0136, 5.0274, 1.2442



19.0136, -3.9628, 5.0774

Complementary

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



19.0132, -3.6017, -4.4201



18.2343, 3.3045, 5.6024

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.



19.0136, -1.2362, 5.6983



19.0132, -3.6017, -4.4201



19.0136, 4.0553, 3.7071

Square

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



19.0136, -3.6019, -4.4198



19.0136, 4.2997, -1.6719



19.0136, 1.7169, 5.2376



19.0136, -5.8043, 3.3944

Rectangle

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



19.0132, -3.6017, -4.4201



19.0136, 1.1905, -4.7053



19.0136, 1.7169, 5.2376



19.0136, -3.1253, 5.4045

Sweetspot

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



19.0136, -3.6019, -4.4198



28.9041, -2.8918, -0.6044



21.1953, -9.9937, 5.4605



14.6375, -1.5178, -0.4015



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



19.0136, -3.6019, -4.4198



23.7437, -5.0406, -7.8131



15.5913, 2.1208, -9.9563



11.9063, -0.9873, 0.0993



21.1436, -3.5896, -18.6788



51.2627, -6.3268, -50.4162

Inverse Universe

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



16.6343, 9.7596, -2.9152



20.0835, 16.5770, -4.8614



21.5574, -2.4647, 8.4264



11.6205, 0.4462, 0.1936



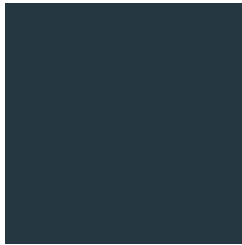
17.0301, 31.3041, -5.5802



42.4484, 77.6585, -11.0539

Previews

White Background



This preview shows how the HunterLab color 19.0132, -3.6017, -4.4201 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

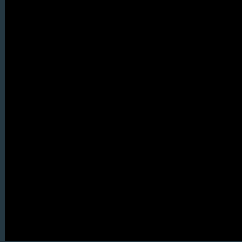
Any Text WCAG AA × Fail

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 19.0132, -3.6017, -4.4201 Background



This preview shows how black text looks on a background with the HunterLab color 19.0132, -3.6017, -4.4201.



This preview shows how white text looks on a background with the HunterLab color 19.0132, -3.6017, -4.4201.

-4.4201.

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

19.0132, -3.6017, -4.4201

Protanopia

19.0268, 0.1366, -3.3882

Deuteranopia

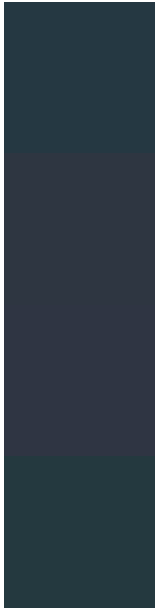
18.9507, 1.2848, -4.9139



Tritanopia

19.0742, -4.9965, -2.0572

Trichromacy



Original Color

19.0132, -3.6017, -4.4201

Protanomaly

18.9759, -1.2248, -3.9543

Deuteranomaly

18.8568, -0.2609, -5.0815

Tritanomaly

19.1317, -4.6702, -2.8666

Monochromacy



Original Color

19.0132, -3.6017, -4.4201

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.4731, -2.2421, -0.6642

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0132, -3.6017, -4.4201 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(37, 56, 66)` looks like.

```
.text, #text, p{  
    color:rgb(37, 56, 66)  
}
```

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(37, 56, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 56, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0132, -3.6017, -4.4201 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(37, 56, 66) }
```


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

```
.border{ border-color:rgb(37, 56, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 56, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 56, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 56, 66);  
box-shadow:4px 4px 4px 4px rgb(37, 56, 66)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.0132, -3.6017, -4.4201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 56, 66) }
```

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

```
.background{ background-color: rgb(37, 56,  
66) }
```

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