

Converting Colors

HunterLab(27.7463, 2.2876,
-19.6345)

Have a look what the booklet for
HunterLab(27.7463, 2.2876,
-19.6345) contains.

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Color

**HunterLab(27.8368, 2.0643,
-19.3167)**

Conversions

Conversions Part 1

Format	Color
Hex	3D4E76
RGB	61, 78, 118
RGB Percent	24%, 31%, 46%
CMY	0.7608, 0.6941, 0.5373
CMYK	0.48, 0.34, 0.00, 0.54
HSL	222°, 32%, 35%
HSV	222°, 48%, 46%
XYZ	7.9189, 7.7489, 18.2178
YIQ	77.4770, -22.9720, 8.8360

Conversions

Conversions Part 2

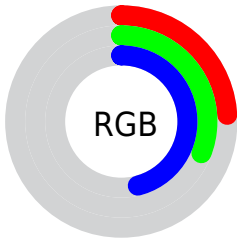
Format	Color
RYB	61, 74, 118
Decimal	4017782
CIELab	33.45, 5.21, -24.94
CIElCh	33, 25.479, 281.808
Yxy	7.7492, 0.2337, 0.2287
Android (android.graphics.Color)	4282207862 (0xFF3D4E76)
YUV	77.4770, 19.9778, -14.4503
Hunter-Lab	27.8368, 2.0643, -19.3167

Details

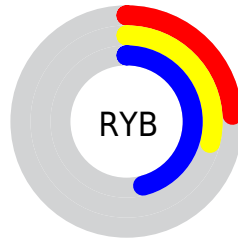
The HunterLab color $27.8368, 2.0643, -19.3167$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $36.7372, -1.2832, 15.4891$, and the grayscale version is $27.3505, -1.4594, 1.4860$.

A 20% lighter version of the original color is $46.3959, 1.6292, -19.9820$, and $12.7236, 2.0577, -18.3598$ is the 20% darker color. If you saturate the color by 10%, you get $25.1226, 3.7761, -24.9036$, and if you desaturate by 10%, it is $30.6879, 0.6995, -14.1923$.

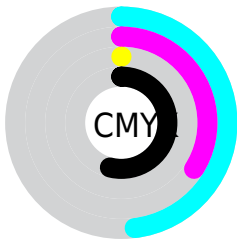
Distribution



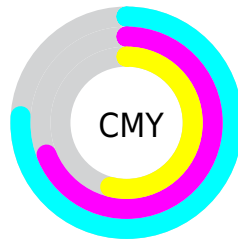
- Red (24%)
- Green (31%)
- Blue (46%)



- Red (24%)
- Yellow (29%)
- Blue (46%)



- Cyan (48%)
- Magenta (34%)
- Yellow (0%)
- Black (54%)



- Cyan (76%)
- Magenta (69%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.8368, 2.0643, -19.3167 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 27.8368, 2.0643, -19.3167 by changing the saturation by 10% instead.

■ 27.8368, 2.0643,
-19.3167

■ 27.8368, 2.0643,
-19.3167

■ 131.8147, -1.1701,
-22.1469

■ 19.8365, 2.1319,
-18.8002

■ 46.3306, 1.7044,
-20.3281

■ 12.7953, 2.1025,
-18.4283

■ 56.6884, 1.4322,
-20.7618

■ 6.1845, 3.3435,
-21.7708

■ 67.7204, 1.1073,
-21.1365

0.0000, NaN, -NF

■ 79.3875, 0.7345,
-21.4513

0.0000, NaN, NaN

■ 91.6571, 0.3175,
-21.7075

0.0000, NaN, NaN

■ 104.5007, -0.1406,

0.0000, NaN, NaN

-21.9072

0.0000, NaN, NaN

117.8938, -0.6372,
-22.0529

■ 27.8368, 2.0643,
-19.3167

■ 27.8368, 2.0643,
-19.3167

■ 25.1226, 3.7761,
-24.9036

■ 30.6879, 0.6995,
-14.1923

■ 22.5686, 5.9023,
-31.0176

■ 33.6551, -0.3779,
-9.4634

■ 20.2068, 8.5089,
-37.6904

■ 36.7235, -1.2182,
-5.0644

■ 18.0756, 11.6391,
-44.8782

■ 39.8811, -1.8620,
-0.9391

■ 16.1837, 15.1814,
-52.5540

■ 43.1180, -2.3423,
2.9600

■ 15.8790, 15.7914,
-53.9364

■ 46.4266, -2.6853,
6.6723

■ 49.8003, -2.9122,
10.2300

■ 53.2337, -3.0402,
13.6595

■ 56.7223, -3.0832,
16.9825

Harmonies

Analogous

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



27.8373, -6.5791, -18.5456



27.8368, 2.0643, -19.3167



27.8373, 10.7265, -13.3661

Triad

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



27.8373, 2.0643, -19.3160



27.8373, 12.2944, 10.2576



27.8373, -15.8179, 6.0901

Complementary

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



27.8368, 2.0643, -19.3167



36.7372, -1.2832, 15.4891

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.



27.8373, -11.9009, 11.0474



27.8368, 2.0643, -19.3167



27.8373, 4.0001, 12.8865

Square

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



27.8373, 2.0643, -19.3160



27.8373, 17.1052, 4.6145



27.8373, -4.8684, 13.1217



27.8373, -16.1999, -1.9872

Rectangle

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



27.8368, 2.0643, -19.3167



27.8373, 15.0672, -7.2205



27.8373, -4.8684, 13.1217



27.8373, -14.8959, 8.1022

Sweetspot

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



27.8373, 2.0643, -19.3160



50.3383, -1.9814, -4.5127



38.5834, -17.8007, 4.5830



23.7924, -0.8758, -2.6214



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



27.8373, 2.0643, -19.3160



32.9150, 5.2995, -33.9112



24.5743, 12.5001, -25.9911



19.3689, -0.8896, -0.6011



16.4547, 16.5916, -56.3834



34.4447, 41.9353, -133.5792

Inverse Universe

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



27.8198, 18.7849, 2.1095



33.4949, 31.2415, 3.7762



40.4908, -12.0666, 18.2739



19.2800, 0.7449, 0.9574



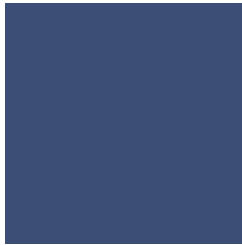
20.7300, 36.1301, 8.5162



45.6148, 79.2163, 20.9516

Previews

White Background



This preview shows how the HunterLab color 27.8368, 2.0643, -19.3167 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



This preview shows how the HunterLab color 27.8368, 2.0643, -19.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

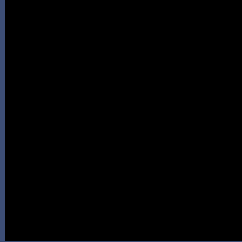
Any Text WCAG AA × Fail

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 27.8368, 2.0643, -19.3167 Background



This preview shows how black text looks on a background with the HunterLab color 27.8368, 2.0643, -19.3167.



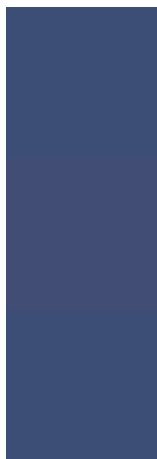
This preview shows how white text looks on a background with the HunterLab color 27.8368, 2.0643, -19.3167.

-19.3167.

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

27.8368, 2.0643, -19.3167

Protanopia

27.7776, 3.0852, -18.7517

Deuteranopia

27.7803, 1.8747, -19.4291



Tritanopia

27.9924, -7.6399, -3.3729

Trichromacy



Original Color

27.8368, 2.0643, -19.3167

Protanomaly

27.7166, 2.8829, -18.8718

Deuteranomaly

27.7803, 1.8747, -19.4291

Tritanomaly

27.9203, -4.4379, -8.4760

Monochromacy



Original Color

27.8368, 2.0643, -19.3167

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.2398, -0.5923, -5.2639

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.8368, 2.0643, -19.3167 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(61, 78, 118)` looks like.

```
.text, #text, p{  
    color:rgb(61, 78, 118)  
}
```

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(61, 78, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 78, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 27.8368, 2.0643, -19.3167 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(61, 78, 118) }
```


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

```
.border{ border-color:rgb(61, 78, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 78, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 78, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 78, 118);  
box-shadow:4px 4px 4px 4px rgb(61, 78,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.8368, 2.0643, -19.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 78, 118) }
```

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

```
.background{ background-color: rgb(61, 78,  
118) }
```

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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