

Converting Colors

HunterLab(20.4291, -4.3867,
0.5404)

Have a look what the booklet for
HunterLab(20.4291, -4.3867, 0.5404)
contains.

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Color

**HunterLab(20.3760, -4.3175,
0.4403)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3C3B
RGB	47, 60, 59
RGB Percent	18%, 24%, 23%
CMY	0.8157, 0.7647, 0.7686
CMYK	0.22, 0.00, 0.02, 0.76
HSL	175°, 12%, 21%
HSV	175°, 22%, 24%
XYZ	3.5776, 4.1518, 4.7505
YIQ	55.9990, -7.4270, -3.0670

Conversions

Conversions Part 2

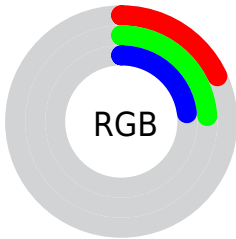
Format	Color
R_YB	47, 54, 60
Decimal	3095611
CIE Lab	24.17, -5.57, -1.15
CIE LCh	24, 5.687, 191.707
Yxy	4.1520, 0.2867, 0.3327
Android (android.graphics.Color)	4281285691 (0xFF2F3C3B)
YUV	55.9990, 1.4795, -7.8921
Hunter-Lab	20.3760, -4.3175, 0.4403

Details

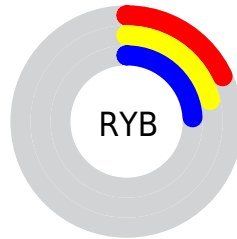
The HunterLab color **20.3760, -4.3175, 0.4403** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.9087, 2.6844, 1.8239**, and the grayscale version is **19.8832, -1.0609, 1.0803**.

A 20% lighter version of the original color is **37.2601, -5.9285, 1.1580**, and **6.8558, -3.9308, -0.0837** is the 20% darker color. If you saturate the color by 10%, you get **20.0357, -5.5921, 0.1887**, and if you desaturate by 10%, it is **20.7590, -2.9168, 0.7425**.

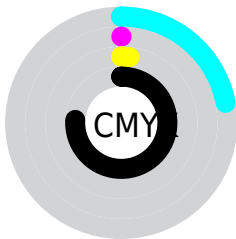
Distribution



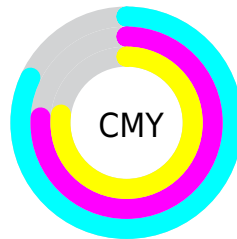
- Red (18%)
- Green (24%)
- Blue (23%)



- Red (18%)
- Yellow (21%)
- Blue (24%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (76%)



- Cyan (82%)
- Magenta (76%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3760, -4.3175, 0.4403 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 20.3760, -4.3175, 0.4403 by changing the saturation by 10% instead.

■ 20.3760, -4.3175,
0.4403

■ 20.3760, -4.3175,
0.4403

■ 118.8687,
-12.2942, 5.2806

■ 13.2625, -3.4771,
0.1394

■ 37.3558, -5.9906,
1.2197

■ 6.7925, -3.9351,
-0.3344

■ 47.0455, -6.8408,
1.6835

0.0000, NaN, NaN

■ 57.4529, -7.7055,
2.1906

0.0000, NaN, NaN

■ 68.5313, -8.5867,
2.7379

0.0000, NaN, NaN

■ 80.2425, -9.4857,
3.3225

0.0000, NaN, NaN

■ 92.5538, -10.4031,

0.0000, NaN, NaN

105.4373,
-11.3392, 4.5956

■ 20.3760, -4.3175,
0.4403

■ 20.3760, -4.3175,
0.4403

■ 20.0357, -5.5921,
0.1887

■ 20.7590, -2.9168,
0.7425

■ 19.7369, -6.7317,
-0.0117

■ 21.1829, -1.3982,
1.0922

■ 19.4799, -7.7308,
-0.1596

■ 21.6473, 0.2281,
1.4870

■ 19.2638, -8.5858,
-0.2552

■ 22.1513, 1.9517,
1.9241

■ 19.0876, -9.2956,
-0.2994

■ 22.6936, 3.7622,
2.4002

■ 18.9493, -9.8628,
-0.2943

■ 23.2728, 5.6494,
2.9122

■ 18.8345, -10.3416,
-0.2589

■ 23.8876, 7.6039,
3.4569

■ 18.7386, -10.7434,
-0.2298

■ 24.5364, 9.6165,
4.0313

■ 25.2177, 11.6791,
4.6324

Harmonies

Analogous

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



20.3764, -4.2229, 2.1003



20.3760, -4.3175, 0.4403



20.3764, -3.5696, -1.1668

Triad

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



20.3764, -4.3178, 0.4406



20.3764, 1.2280, -1.4614



20.3764, -0.0080, 3.9522

Complementary

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



20.3760, -4.3175, 0.4403



17.9087, 2.6844, 1.8239

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.



20.3764, 1.5177, 3.1495



20.3760, -4.3175, 0.4403



20.3764, 2.2479, 0.0656

Square

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



20.3764, -4.3178, 0.4406



20.3764, -0.3925, -2.3259



20.3764, 2.3557, 1.7558



20.3764, -1.7749, 4.0339

Rectangle

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



20.3760, -4.3175, 0.4403



20.3764, -2.6779, -1.9555



20.3764, 2.3557, 1.7558



20.3764, 0.5516, 3.7612

Sweetspot

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



20.3764, -4.3178, 0.4406



27.5590, -2.9915, 1.1692



20.1681, -5.6276, 4.4227



14.6025, -1.5862, 0.6193



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



20.3764, -4.3178, 0.4406



26.5634, -6.6399, 0.3868



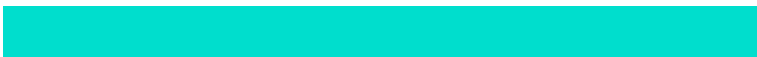
19.0359, -2.0453, -1.6215



11.3809, -1.3304, 0.4628



29.5928, -17.0577, -0.1657



75.2060, -43.6189, 0.1597

Inverse Universe

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



17.9087, 2.6844, 1.8239



22.5121, 4.8840, 2.6694



19.1295, 0.3337, 3.4578



10.8479, 0.1772, 0.7596



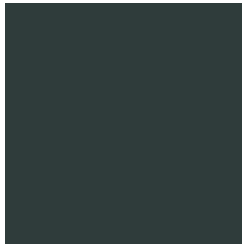
15.5375, 26.7110, 9.2457



39.4292, 67.6271, 24.6775

Previews

White Background



This preview shows how the HunterLab color 20.3760, -4.3175, 0.4403 looks on a white background.

Color Contrast Check

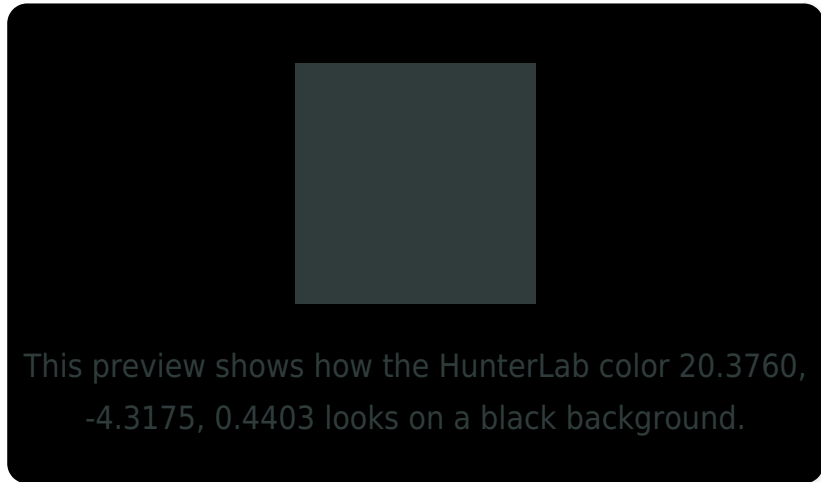
Large Text (above 18pt) WCAG AA ✓ Pass

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

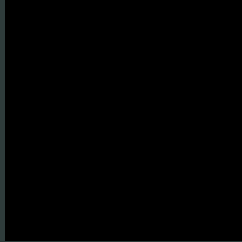
Any Text WCAG AA × Fail

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 20.3760, -4.3175, 0.4403 Background



This preview shows how black text looks on a background with the HunterLab color 20.3760, -4.3175, 0.4403.



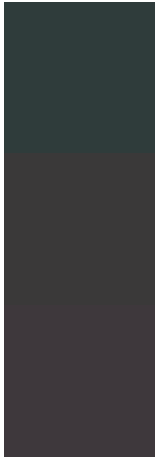
This preview shows how white text looks on a background with the HunterLab color 20.3760, -4.3175,

0.4403.

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

20.3760, -4.3175, 0.4403

Protanopia

20.3007, -0.8250, 1.1895

Deuteranopia

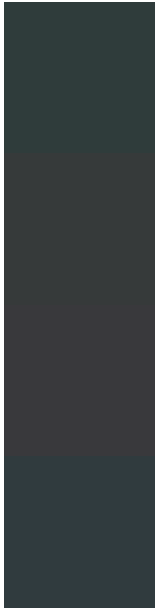
20.4419, 1.0444, 0.2153



Tritanopia

20.3137, -2.9636, -1.6919

Trichromacy



Original Color

20.3760, -4.3175, 0.4403

Protanomaly

20.2876, -2.0858, 0.7660

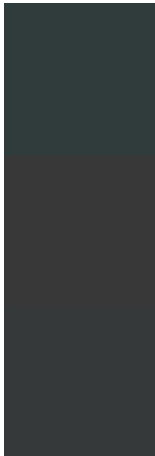
Deuteranomaly

20.3036, -0.6633, 0.0157

Tritanomaly

20.2586, -3.2711, -0.9120

Monochromacy



Original Color

20.3760, -4.3175, 0.4403

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

19.9463, -2.0645, 0.7485

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3760, -4.3175, 0.4403 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, 60, 59)` looks like.

```
.text, #text, p{  
    color:rgb(47, 60, 59)  
}
```

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, 60, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 60, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3760, -4.3175, 0.4403 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, 60, 59) }
```


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

```
.border{ border-color:rgb(47, 60, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 60, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 60, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 60, 59);  
box-shadow:4px 4px 4px 4px rgb(47, 60, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3760, -4.3175, 0.4403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 60, 59) }
```

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

```
.background{ background-color: rgb(47, 60,  
59) }
```

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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