

Converting Colors

HunterLab(19.9503, -4.4108,
-0.0455)

Have a look what the booklet for
HunterLab(19.9503, -4.4108,
-0.0455) contains.

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Color

**HunterLab(20.0040, -4.3505,
-0.0135)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3B3B
RGB	45, 59, 59
RGB Percent	18%, 23%, 23%
CMY	0.8235, 0.7686, 0.7686
CMYK	0.24, 0.00, 0.00, 0.77
HSL	180°, 13%, 20%
HSV	180°, 24%, 23%
XYZ	3.4356, 4.0016, 4.7290
YIQ	54.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

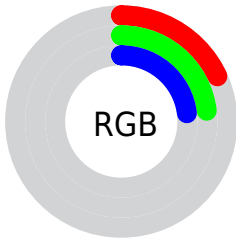
Format	Color
RYB	45, 52, 59
Decimal	2964283
CIELab	23.68, -5.70, -1.89
CIElCh	24, 6.007, 198.369
Yxy	4.0018, 0.2824, 0.3289
Android (android.graphics.Color)	4281154363 (0xFF2D3B3B)
YUV	54.8140, 2.0637, -8.6069
Hunter-Lab	20.0040, -4.3505, -0.0135

Details

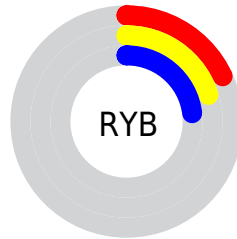
The HunterLab color **20.0040, -4.3505, -0.0135** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.3095, 2.8710, 2.2119**, and the grayscale version is **19.4784, -1.0393, 1.0583**.

A 20% lighter version of the original color is **36.8413, -5.9922, 0.6522**, and **6.6436, -3.5221, -0.7007** is the 20% darker color. If you saturate the color by 10%, you get **19.6905, -5.5039, -0.4222**, and if you desaturate by 10%, it is **20.3595, -3.0692, 0.4418**.

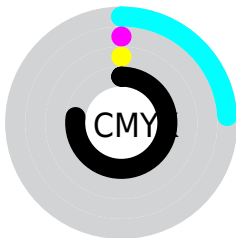
Distribution



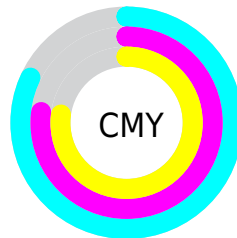
- Red (18%)
- Green (23%)
- Blue (23%)



- Red (18%)
- Yellow (20%)
- Blue (23%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (77%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0040, -4.3505, -0.0135 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 20.0040, -4.3505, -0.0135 by changing the saturation by 10% instead.

■ 20.0040, -4.3505,
-0.0135

■ 20.0040, -4.3505,
-0.0135

■ 118.1976,
-12.3870, 4.4791

■ 12.9404, -3.4978,
-0.2576

■ 36.9000, -6.0420,
0.6693

■ 6.3804, -4.2345,
-0.8826

■ 46.5532, -6.8996,
1.0907

0.0000, NaN, NaN

■ 56.9265, -7.7710,
1.5583

0.0000, NaN, NaN

■ 67.9730, -8.6585,
2.0683

0.0000, NaN, NaN

■ 79.6539, -9.5632,
2.6176

0.0000, NaN, NaN

■ 91.9365, -10.4859,

0.0000, NaN, NaN

104.7926,
-11.4271, 3.8250

■ 20.0040, -4.3505,
-0.0135

■ 20.0040, -4.3505,
-0.0135

■ 19.6905, -5.5039,
-0.4222

■ 20.3595, -3.0692,
0.4418

■ 19.4178, -6.5219,
-0.7829

■ 20.7555, -1.6675,
0.9400

■ 19.1859, -7.3999,
-1.0937

■ 21.1916, -0.1548,
1.4784

■ 18.9939, -8.1356,
-1.3539

■ 21.6669, 1.4589,
2.0534

■ 18.8405, -8.7293,
-1.5638

■ 22.1804, 3.1635,
2.6616

■ 18.7237, -9.1850,
-1.7248

■ 22.7308, 4.9492,
3.2997

■ 18.6218, -9.5855,
-1.8662

■ 23.3167, 6.8064,
3.9644

■ 18.5575, -9.8390,
-1.9557

■ 23.9366, 8.7259,
4.6524

■ 24.5891, 10.6996,
5.3608

Harmonies

Analogous

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



20.0044, -4.4524, 1.7627



20.0040, -4.3505, -0.0135



20.0044, -3.3894, -1.6246

Triad

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



20.0044, -4.3508, -0.0132



20.0044, 1.6755, -1.3057



20.0044, -0.3423, 4.1428

Complementary

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



20.0040, -4.3505, -0.0135



17.3095, 2.8710, 2.2119

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.



20.0044, 1.3634, 3.4686



20.0040, -4.3505, -0.0135



20.0044, 2.5565, 0.3908

Square

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



20.0044, -4.3508, -0.0132



20.0044, 0.0711, -2.4165



20.0044, 2.4402, 2.1316



20.0044, -2.1831, 4.0561

Rectangle

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



20.0040, -4.3505, -0.0135



20.0044, -2.3699, -2.3389



20.0044, 2.4402, 2.1316



20.0044, 0.2671, 4.0004

Sweetspot

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



20.0044, -4.3508, -0.0132



26.6682, -2.8267, 0.9786



19.6997, -6.1111, 4.5596



13.8003, -1.4553, 0.5089



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



20.0044, -4.3508, -0.0132



25.6540, -6.4805, -0.3188



18.3048, -1.7045, -2.1532



11.3863, -1.3007, 0.3864



29.8029, -15.8013, -3.1407



75.7813, -40.1789, -7.9854

Inverse Universe

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



17.3095, 2.8710, 2.2119



21.3861, 4.9906, 3.2165



18.8537, 0.0958, 3.8117



10.8427, 0.1494, 0.8330



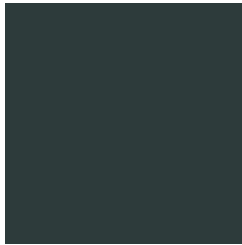
15.4863, 26.5208, 10.0062



39.3776, 67.4354, 25.4442

Previews

White Background



This preview shows how the HunterLab color 20.0040, -4.3505, -0.0135 looks on a white background.

Color Contrast Check

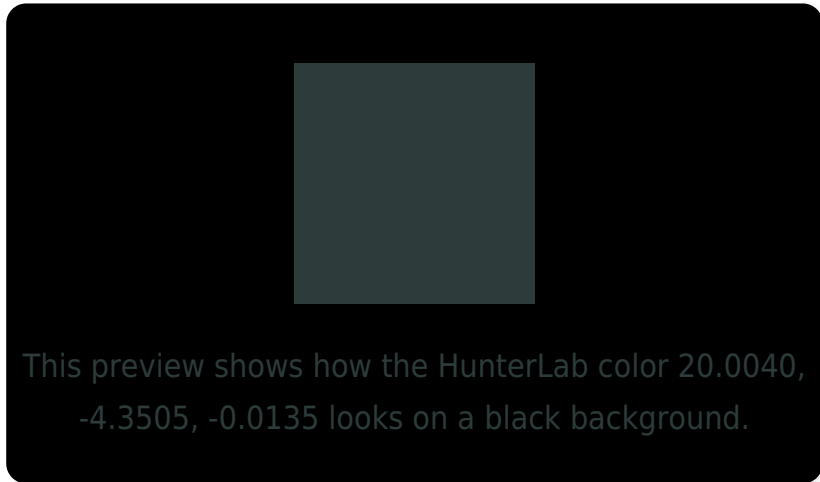
Large Text (above 18pt) WCAG AA ✓ Pass

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

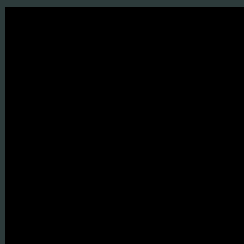
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

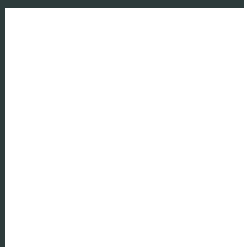
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 20.0040, -4.3505, -0.0135 Background



This preview shows how black text looks on a background with the HunterLab color 20.0040, -4.3505, -0.0135.



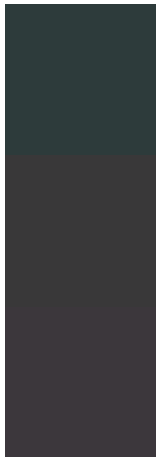
This preview shows how white text looks on a background with the HunterLab color 20.0040, -4.3505, -0.0135.

-0.0135.

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

20.0040, -4.3505, -0.0135

Protanopia

19.9840, -0.6723, 0.8178

Deuteranopia

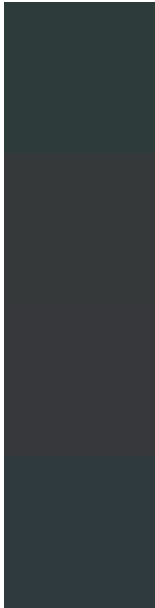
20.0481, 0.9332, -0.2728



Tritanopia

19.9144, -3.1470, -1.7848

Trichromacy



Original Color

20.0040, -4.3505, -0.0135

Protanomaly

19.9715, -1.9249, 0.3889

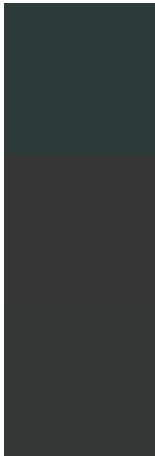
Deuteranomaly

19.9169, -0.7502, -0.4665

Tritanomaly

19.8866, -3.3026, -1.3914

Monochromacy



Original Color

20.0040, -4.3505, -0.0135

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.5389, -2.2802, 0.6468

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0040, -4.3505, -0.0135 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(45, 59, 59)` looks like.

```
.text, #text, p{  
    color:rgb(45, 59, 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(45, 59, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 59, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0040, -4.3505, -0.0135 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(45, 59, 59) }
```


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

```
.border{ border-color:rgb(45, 59, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 59, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 59, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 59, 59);  
box-shadow:4px 4px 4px 4px rgb(45, 59, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.0040, -4.3505, -0.0135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 59, 59) }
```

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

```
.background{ background-color: rgb(45, 59,  
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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