

Converting Colors

HunterLab(20.0248, -4.2895,
0.7449)

Have a look what the booklet for
HunterLab(20.0248, -4.2895, 0.7449)
contains.

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Color

**HunterLab(20.0104, -4.4287,
0.7835)**

Conversions

Conversions Part 1

Format	Color
Hex	2E3B39
RGB	46, 59, 57
RGB Percent	18%, 23%, 22%
CMY	0.8196, 0.7686, 0.7765
CMYK	0.22, 0.00, 0.03, 0.77
HSL	171°, 12%, 21%
HSV	171°, 22%, 23%
XYZ	3.4292, 4.0042, 4.4630
YIQ	54.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

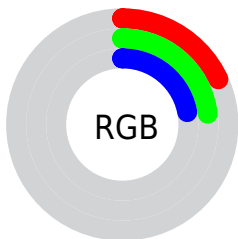
Format	Color
R_{YB}	46, 53, 59
Decimal	3029817
CIE _{Lab}	23.69, -5.84, -0.54
CIE _{LCh}	24, 5.865, 185.234
Yxy	4.0043, 0.2883, 0.3366
Android (android.graphics.Color)	4281219897 (0xFF2E3B39)
YUV	54.8850, 1.0427, -7.7921
Hunter-Lab	20.0104, -4.4287, 0.7835

Details

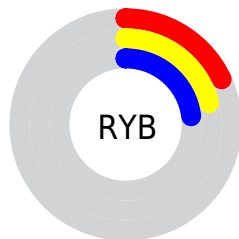
The HunterLab color **20.0104, -4.4287, 0.7835** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.5991, 2.8166, 1.4728**, and the grayscale version is **19.5055, -1.0408, 1.0598**.

A 20% lighter version of the original color is **36.8549, -6.0550, 1.5346**, and **6.5773, -3.9191, 0.2391** is the 20% darker color. If you saturate the color by 10%, you get **19.6663, -5.7427, 0.7024**, and if you desaturate by 10%, it is **20.3962, -2.9930, 0.9148**.

Distribution



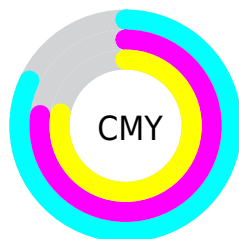
- Red (18%)
- Green (23%)
- Blue (22%)



- Red (18%)
- Yellow (21%)
- Blue (23%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (77%)



- Cyan (82%)
- Magenta (77%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0104, -4.4287, 0.7835 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 20.0104, -4.4287, 0.7835 by changing the saturation by 10% instead.

■ 20.0104, -4.4287,
0.7835

■ 20.0104, -4.4287,
0.7835

■ 118.2092,
-12.5348, 5.8853

■ 12.9460, -3.5640,
0.4398

■ 36.9079, -6.1400,
1.6354

■ 6.3878, -4.3255,
0.0005

■ 46.5617, -7.0061,
2.1311

0.0000, NaN, NaN

■ 56.9356, -7.8855,
2.6680

0.0000, NaN, NaN

■ 67.9827, -8.7803,
3.2433

0.0000, NaN, NaN

■ 79.6641, -9.6920,
3.8545

0.0000, NaN, NaN

■ 91.9471, -10.6214,

0.0000, NaN, NaN

104.8037,
-11.5689, 5.1771

■ 20.0104, -4.4287,
0.7835

■ 20.0104, -4.4287,
0.7835

■ 19.6663, -5.7427,
0.7024

■ 20.3962, -2.9930,
0.9148

■ 19.3628, -6.9260,
0.6713

■ 20.8219, -1.4440,
1.0940

■ 19.1001, -7.9724,
0.6903

■ 21.2871, 0.2078,
1.3198

■ 18.8777, -8.8777,
0.7583

■ 21.7907, 1.9523,
1.5898

■ 18.6943, -9.6404,
0.8736

■ 22.3316, 3.7790,
1.9016

■ 18.5484, -10.2622,
1.0332

■ 22.9083, 5.6780,
2.2524

■ 18.4236, -10.8043,
1.2161

■ 23.5196, 7.6399,
2.6395

■ 18.3239, -11.2394,
1.3593

■ 24.1639, 9.6562,
3.0601

■ 24.8397, 11.7188,
3.5115

Harmonies

Analogous

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



20.0108, -4.1421, 2.4315



20.0104, -4.4287, 0.7835



20.0108, -3.8421, -0.9236

Triad

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



20.0108, -4.4290, 0.7838



20.0108, 0.9860, -1.8186



20.0108, 0.4152, 3.8770

Complementary

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



20.0104, -4.4287, 0.7835



17.5991, 2.8166, 1.4728

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.



20.0108, 1.8642, 2.9126



20.0104, -4.4287, 0.7835



20.0108, 2.2020, -0.3529

Square

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



20.0108, -4.4290, 0.7838



20.0108, -0.7492, -2.5094



20.0108, 2.5289, 1.3899



20.0108, -1.3864, 4.1231

Rectangle

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



20.0104, -4.4287, 0.7835



20.0108, -3.0214, -1.8365



20.0108, 2.5289, 1.3899



20.0108, 0.9617, 3.6306

Sweetspot

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



20.0108, -4.4290, 0.7838



26.6466, -2.9457, 1.2854



19.8942, -5.3491, 4.4616



13.7893, -1.5162, 0.6660



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.



20.0108, -4.4290, 0.7838



25.6581, -6.6289, 0.9518



18.9672, -2.4503, -1.2900



11.3756, -1.3600, 0.5388



29.4015, -18.2097, 2.5603



74.6868, -46.7490, 7.5657

Inverse Universe

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



17.5991, 2.8166, 1.4728



21.8350, 4.8808, 2.0554



18.5391, 0.7915, 3.1711



10.8530, 0.2051, 0.6857



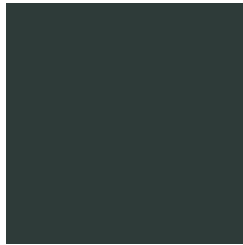
15.5928, 26.9157, 8.4283



39.5250, 67.9820, 23.2588

Previews

White Background



This preview shows how the HunterLab color 20.0104, -4.4287, 0.7835 looks on a white background.

Color Contrast Check

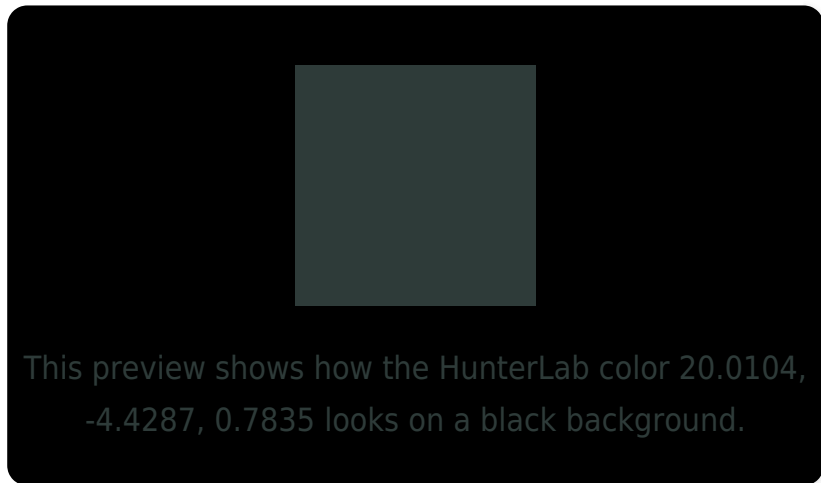
Large Text (above 18pt) WCAG AA ✓ Pass

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

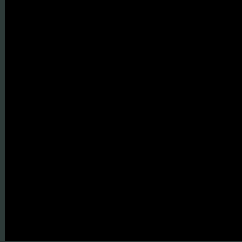
Any Text WCAG AA × Fail

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 20.0104, -4.4287, 0.7835 Background



This preview shows how black text looks on a background with the HunterLab color 20.0104, -4.4287, 0.7835.

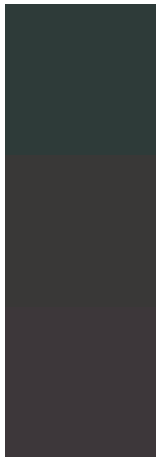


This preview shows how white text looks on a background with the HunterLab color 20.0104, -4.4287,

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

20.0104, -4.4287, 0.7835

Protanopia

19.9350, -0.9403, 1.5175

Deuteranopia

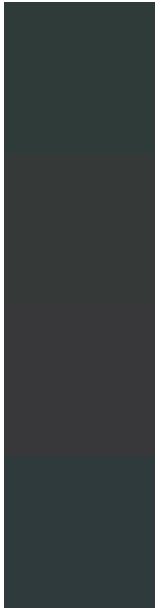
20.0748, 0.9197, 0.5634



Tritanopia

19.9733, -2.9363, -1.7035

Trichromacy



Original Color

20.0104, -4.4287, 0.7835

Protanomaly

19.9215, -2.2016, 1.1020

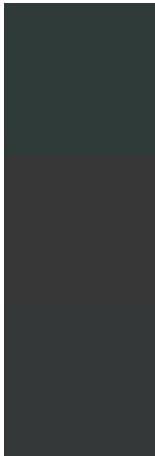
Deuteranomaly

19.9364, -0.7868, 0.3662

Tritanomaly

19.9183, -3.2435, -0.9249

Monochromacy



Original Color

20.0104, -4.4287, 0.7835

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.6060, -2.0431, 0.7311

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0104, -4.4287, 0.7835 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(46, 59, 57)` looks like.

```
.text, #text, p{  
    color:rgb(46, 59, 57)  
}
```

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(46, 59, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 59, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0104, -4.4287, 0.7835 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(46, 59, 57) }
```


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

```
.border{ border-color:rgb(46, 59, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 59, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 59, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 59, 57);  
box-shadow:4px 4px 4px 4px rgb(46, 59, 57)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.0104, -4.4287, 0.7835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 59, 57) }
```

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

```
.background{ background-color: rgb(46, 59,  
57) }
```

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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