

Converting Colors

HunterLab(20.7159, -4.4612,
1.2291)

Have a look what the booklet for
HunterLab(20.7159, -4.4612, 1.2291)
contains.

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Color

**HunterLab(20.7267, -4.4148,
1.2436)**

Conversions

Conversions Part 1

Format	Color
Hex	313D3A
RGB	49, 61, 58
RGB Percent	19%, 24%, 23%
CMY	0.8078, 0.7608, 0.7725
CMYK	0.20, 0.00, 0.05, 0.76
HSL	165°, 11%, 22%
HSV	165°, 20%, 24%
XYZ	3.6991, 4.2960, 4.6372
YIQ	57.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

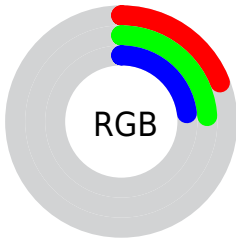
Format	Color
R_YB	49, 56, 61
Decimal	3226938
CIE Lab	24.63, -5.67, 0.20
CIE LCh	25, 5.677, 177.956
Yxy	4.2961, 0.2928, 0.3401
Android (android.graphics.Color)	4281417018 (0xFF313D3A)
YUV	57.0700, 0.4585, -7.0774
Hunter-Lab	20.7267, -4.4148, 1.2436

Details

The HunterLab color **20.7267, -4.4148, 1.2436** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.5386, 2.6323, 1.0785**, and the grayscale version is **20.2518, -1.0806, 1.1003**.

A 20% lighter version of the original color is **37.6536, -6.0123, 2.0526**, and **7.1634, -3.9607, 0.6041** is the 20% darker color. If you saturate the color by 10%, you get **20.3453, -5.8934, 1.3520**, and if you desaturate by 10%, it is **21.1518, -2.8121, 1.1847**.

Distribution



Red (19%)

Green (24%)

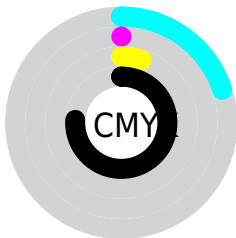
Blue (23%)



Red (19%)

Yellow (22%)

Blue (24%)

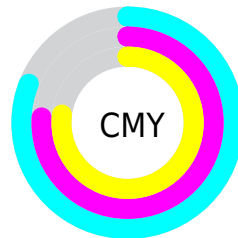


Cyan (20%)

Magenta (0%)

Yellow (5%)

Black (76%)



Cyan (81%)

Magenta (76%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7267, -4.4148, 1.2436 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 20.7267, -4.4148, 1.2436 by changing the saturation by 10% instead.

■ 20.7267, -4.4148,
1.2436

■ 20.7267, -4.4148,
1.2436

■ 119.4988,
-12.4492, 6.7125

■ 13.5667, -3.5663,
0.8388

■ 37.7846, -6.1031,
2.1982

■ 7.1573, -3.8362,
0.5068

■ 47.5085, -6.9601,
2.7387

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.9476, -7.8314,
3.3174

0.0000, NaN, NaN

■ 69.0560, -8.7190,
3.9319

0.0000, NaN, NaN

■ 80.7954, -9.6240,
4.5803

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.1336, -10.5471,

106.0428,
-11.4888, 5.9719

■ 20.7267, -4.4148,
1.2436

■ 20.7267, -4.4148,
1.2436

■ 20.3453, -5.8934,
1.3520

■ 21.1518, -2.8121,
1.1847

■ 20.0066, -7.2371,
1.5086

■ 21.6186, -1.0949,
1.1741

■ 19.7112, -8.4381,
1.7124

■ 22.1264, 0.7252,
1.2112

■ 19.4584, -9.4905,
1.9613

■ 22.6742, 2.6368,
1.2945

■ 19.2475, -10.3912,
2.2523

■ 23.2605, 4.6288,
1.4222

■ 19.0767, -11.1402,
2.5813

■ 23.8837, 6.6908,
1.5920

■ 18.9372, -11.7686,
2.9359

■ 24.5425, 8.8130,
1.8016

■ 18.8005, -12.3886,
3.2826

■ 25.2351, 10.9865,
2.0487

■ 18.7961, -12.4089,
3.2937

■ 25.9600, 13.2033,
2.3306

Harmonies

Analogous

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



20.7271, -3.9269, 2.7811



20.7267, -4.4148, 1.2436



20.7271, -4.0421, -0.4555

Triad

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



20.7271, -4.4152, 1.2439



20.7271, 0.5206, -1.9559



20.7271, 0.7388, 3.7007

Complementary

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



20.7267, -4.4148, 1.2436



18.5386, 2.6323, 1.0785

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.



20.7271, 2.0010, 2.5961



20.7267, -4.4148, 1.2436



20.7271, 1.8721, -0.6731

Square

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



20.7271, -4.4152, 1.2439



20.7271, -1.2289, -2.3933



20.7271, 2.4225, 1.0119



20.7271, -0.9850, 4.1231

Rectangle

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



20.7267, -4.4148, 1.2436



20.7271, -3.3479, -1.4360



20.7271, 2.4225, 1.0119



20.7271, 1.2332, 3.4017

Sweetspot

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



20.7271, -4.4152, 1.2439



27.5959, -2.9006, 1.5228



20.7240, -4.8307, 4.3721



14.6180, -1.5532, 0.8071



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.



20.7271, -4.4152, 1.2439



26.5722, -6.7728, 1.6788



20.0908, -2.8876, -0.7002



11.3690, -1.3966, 0.6330



29.1884, -19.5030, 5.6186



74.1146, -50.2257, 15.7862

Inverse Universe

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



18.5386, 2.6323, 1.0785



22.9867, 4.7932, 1.4185



19.1106, 1.0979, 2.7799



10.8596, 0.2404, 0.5927



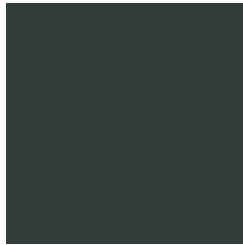
15.6924, 27.2832, 6.9652



39.7321, 68.7482, 20.2026

Previews

White Background



This preview shows how the HunterLab color 20.7267, -4.4148, 1.2436 looks on a white background.

Color Contrast Check

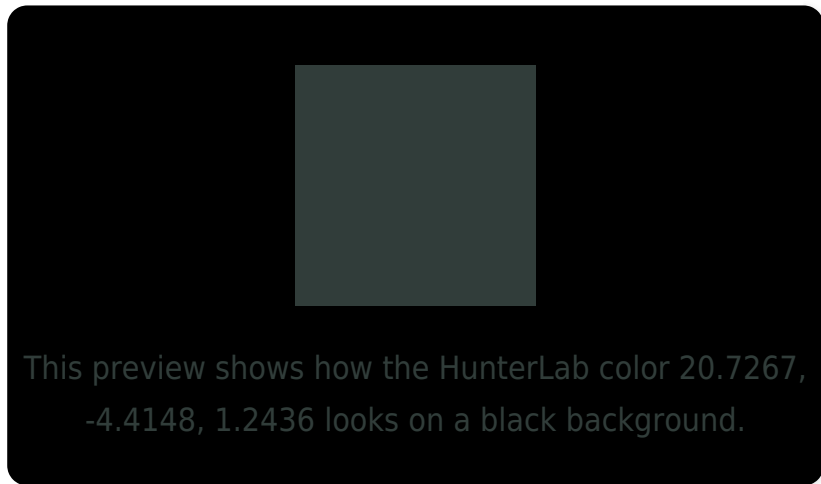
Large Text (above 18pt) WCAG AA ✓ Pass

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

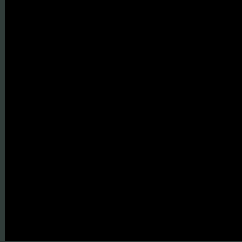
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

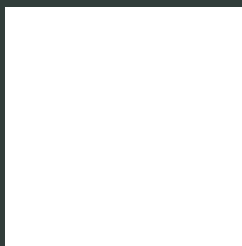
Any Text WCAG AAA × Fail

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

HunterLab 20.7267, -4.4148, 1.2436 Background



This preview shows how black text looks on a background with the HunterLab color 20.7267, -4.4148, 1.2436.



This preview shows how white text looks on a background with the HunterLab color 20.7267, -4.4148,

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

20.7267, -4.4148, 1.2436

Protanopia

20.6695, -0.8479, 1.9896

Deuteranopia

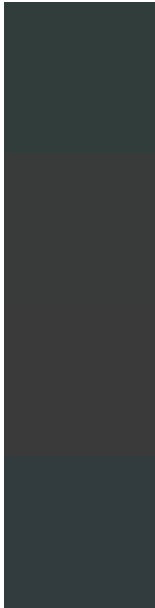
20.8135, 1.0277, 1.0564



Tritanopia

20.7159, -2.7741, -1.5967

Trichromacy



Original Color

20.7267, -4.4148, 1.2436

Protanomaly

20.6497, -2.1361, 1.5726

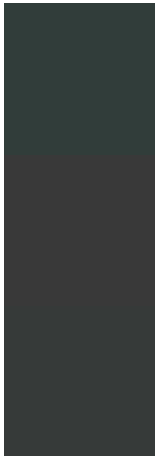
Deuteranomaly

20.6681, -0.7067, 0.8535

Tritanomaly

20.6340, -3.2301, -0.4373

Monochromacy



Original Color

20.7267, -4.4148, 1.2436

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.2627, -2.2233, 1.1204

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7267, -4.4148, 1.2436 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(49, 61, 58)` looks like.

```
.text, #text, p{  
    color:rgb(49, 61, 58)  
}
```

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(49, 61, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 61, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7267, -4.4148, 1.2436 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(49, 61, 58) }
```


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

```
.border{ border-color:rgb(49, 61, 58) }
```

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

Here you see how a box with a 4 pixel rgb(49, 61, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 61, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 61, 58);  
box-shadow:4px 4px 4px 4px rgb(49, 61, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7267, -4.4148, 1.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 61, 58) }
```

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

```
.background{ background-color: rgb(49, 61,  
58) }
```

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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