

# Converting Colors

HunterLab(20.4315, -7.1432,  
2.1839)

Have a look what the booklet for  
HunterLab(20.4315, -7.1432, 2.1839)  
contains.

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# Color

**HunterLab(20.4027, -7.1525,  
2.3049)**

# Conversions

## Conversions Part 1

Format	Color
Hex	283E36
RGB	40, 62, 54
RGB Percent	16%, 24%, 21%
CMY	0.8431, 0.7569, 0.7882
CMYK	0.35, 0.00, 0.13, 0.76
HSL	158°, 22%, 20%
HSV	158°, 35%, 24%
XYZ	3.2635, 4.1627, 4.1215
YIQ	54.5100, -10.5440, -7.1520

# Conversions

## Conversions Part 2

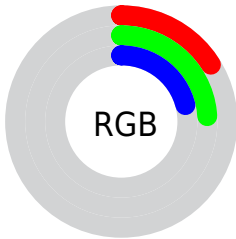
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 53, 62
Decimal	2637366
CIELab	24.20, -10.77, 2.16
CIELCh	24, 10.988, 168.651
Yxy	4.1629, 0.2826, 0.3605
Android (android.graphics.Color)	4280827446 (0xFF283E36)
YUV	54.5100, -0.2514, -12.7253
Hunter-Lab	20.4027, -7.1525, 2.3049

# Details

The HunterLab color **20.4027, -7.1525, 2.3049** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.5988, 6.2140, 0.3481**, and the grayscale version is **19.3833, -1.0342, 1.0531**.

A 20% lighter version of the original color is **37.5098, -9.6667, 3.4833**, and **7.2265, -5.1141, 2.0074** is the 20% darker color. If you saturate the color by 10%, you get **20.0692, -8.5280, 2.7079**, and if you desaturate by 10%, it is **20.7821, -5.6320, 1.9397**.

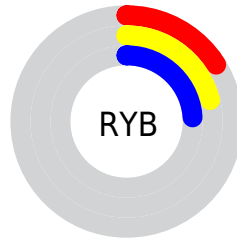
# Distribution



Red (16%)

Green (24%)

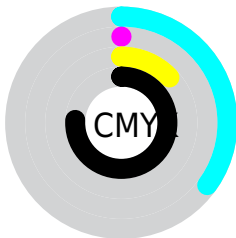
Blue (21%)



Red (16%)

Yellow (21%)

Blue (24%)

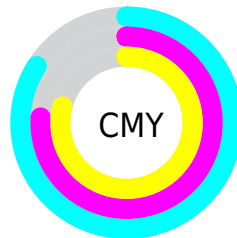


Cyan (35%)

Magenta (0%)

Yellow (13%)

Black (76%)



Cyan (84%)

Magenta (76%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4027, -7.1525, 2.3049 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 20.4027, -7.1525, 2.3049 by changing the saturation by 10% instead.



■ 20.4027, -7.1525,  
2.3049

■ 20.4027, -7.1525,  
2.3049

■ 118.9168,  
-17.7484, 8.6699

■ 13.2856, -5.8551,  
1.7478

■ 37.3884, -9.5739,  
3.5123

■ 6.8211, -7.2465,  
1.6853

■ 47.0808, -10.7459,  
4.1626

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.4906, -11.9082,  
4.8433

0.0000, NaN, NaN

■ 68.5713, -13.0676,  
5.5533

0.0000, NaN, NaN

■ 80.2846, -14.2285,  
6.2918

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.5980, -15.3942,

105.4835,  
-16.5670, 7.8510

20.4027, -7.1525,  
2.3049

20.4027, -7.1525,  
2.3049

20.0692, -8.5280,  
2.7079

20.7821, -5.6320,  
1.9397

19.7803, -9.7492,  
3.1444

21.2058, -3.9757,  
1.6141

19.5356, -10.8109,  
3.6104

21.6736, -2.1956,  
1.3301

19.3338, -11.7105,  
4.1009

22.1845, -0.3038,  
1.0889

19.1726, -12.4516,  
4.6094

22.7374, 1.6872,  
0.8906

■ 19.0260, -13.1355,  
5.1061

■ 23.3307, 3.7654,  
0.7350

■ 18.9602, -13.4433,  
5.3216

■ 23.9629, 5.9190,  
0.6211

■ 24.6323, 8.1373,  
0.5478

■ 25.3374, 10.4105,  
0.5135

# Harmonies

## Analogous

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



20.4031, -5.8014, 4.8306



20.4027, -7.1525, 2.3049



20.4031, -6.9614, -0.9960

# Triad

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



20.4031, -7.1528, 2.3052



20.4031, 1.0591, -5.7605



20.4031, 3.4452, 5.2756

# Complementary

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



20.4027, -7.1525, 2.3049



16.5988, 6.2140, 0.3481

# 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.



20.4031, 5.5316, 3.0140



20.4027, -7.1525, 2.3049



20.4031, 4.0926, -3.4761

# Square

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



20.4031, -7.1528, 2.3052



20.4031, -2.3694, -6.0349



20.4031, 5.7760, -0.1609



20.4031, 0.2222, 6.3470



# Rectangle

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



20.4027, -7.1525, 2.3049



20.4031, -5.9818, -3.2019



20.4031, 5.7760, -0.1609



20.4031, 4.3116, 4.6484

# Sweetspot

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



20.4031, -7.1528, 2.3052



28.1623, -4.3224, 1.9702



20.5636, -7.0996, 6.7587



14.4353, -2.2593, 1.0175



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.



20.4031, -7.1528, 2.3052



26.4479, -11.1457, 3.5387



19.8340, -4.9015, -1.4884



11.3613, -1.4395, 0.7433



28.9732, -20.8196, 8.7297



73.5466, -53.7068, 24.0107



# Inverse Universe

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



16.5988, 6.2140, 0.3481



20.2208, 10.8578, 0.4089



17.0304, 4.0637, 3.5761



10.8673, 0.2824, 0.4817



15.8604, 27.9010, 4.5156

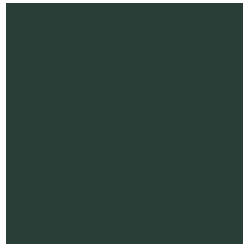


40.1188, 70.1735, 14.5379



# Previews

## White Background



This preview shows how the HunterLab color 20.4027, -7.1525, 2.3049 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

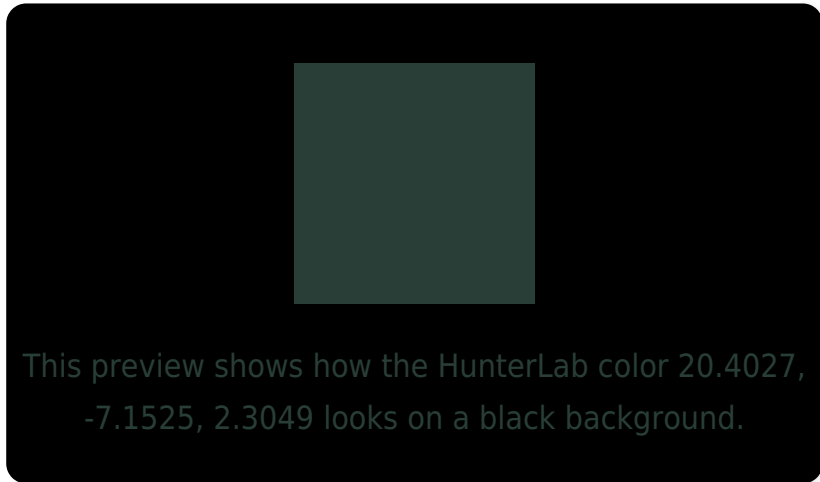
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

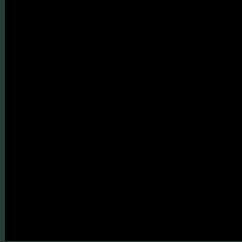
Any Text WCAG AA × Fail

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 20.4027, -7.1525, 2.3049 Background



This preview shows how black text looks on a background with the HunterLab color 20.4027, -7.1525, 2.3049.



This preview shows how white text looks on a background with the HunterLab color 20.4027, -7.1525,



# 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

20.4027, -7.1525, 2.3049

### Protanopia

20.3124, -1.0623, 3.3559

### Deuteranopia

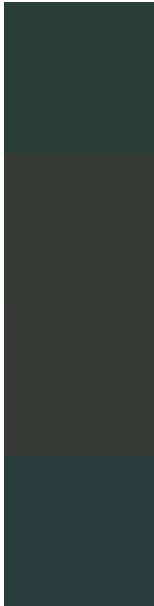
20.2440, 1.3428, 1.9120



## Tritanopia

20.3149, -4.2157, -2.1516

# Trichromacy



## Original Color

20.4027, -7.1525, 2.3049

## Protanomaly

20.3292, -3.5097, 2.9901

## Deuteranomaly

20.2834, -2.2468, 1.8940

## Tritanomaly

20.4124, -5.4135, -0.3403

# Monochromacy



## Original Color

20.4027, -7.1525, 2.3049

## Achromatopsia

19.5459, -1.0429, 1.0620

## Achromatomaly

19.9501, -3.4356, 1.4912

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 20.4027, -7.1525, 2.3049 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(40, 62, 54)` looks like.

```
.text, #text, p{  
    color:rgb(40, 62, 54)  
}
```

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(40, 62, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 62, 54) }
```

## Border

The CSS property to change the border of an element to HunterLab 20.4027, -7.1525, 2.3049 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(40, 62, 54) }
```



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

```
.border{ border-color:rgb(40, 62, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 62, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 62, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 62, 54);  
box-shadow:4px 4px 4px 4px rgb(40, 62, 54)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 20.4027, -7.1525, 2.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 62, 54) }
```

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

```
.background{ background-color: rgb(40, 62,  
54) }
```

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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