

# Converting Colors

HunterLab(20.3674, -5.5864,  
0.0474)

Have a look what the booklet for  
HunterLab(20.3674, -5.5864, 0.0474)  
contains.

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# Color

**HunterLab(20.3862, -5.5625,  
0.0315)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2A3D3C
RGB	42, 61, 60
RGB Percent	16%, 24%, 24%
CMY	0.8353, 0.7608, 0.7647
CMYK	0.31, 0.00, 0.02, 0.76
HSL	177°, 18%, 20%
HSV	177°, 31%, 24%
XYZ	3.4392, 4.1560, 4.8959
YIQ	55.2050, -11.0030, -4.3390

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	42, 52, 61
Decimal	2768188
CIE Lab	24.18, -7.81, -1.84
CIE LCh	24, 8.029, 193.262
Yxy	4.1561, 0.2753, 0.3327
Android (android.graphics.Color)	4280958268 (0xFF2A3D3C)
YUV	55.2050, 2.3639, -11.5808
Hunter-Lab	20.3862, -5.5625, 0.0315

# Details

The HunterLab color **20.3862, -5.5625, 0.0315** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.8005, 4.4773, 2.3645**, and the grayscale version is **19.6109, -1.0464, 1.0655**.

A 20% lighter version of the original color is **37.2309, -7.4250, 0.6600**, and **7.1373, -3.9358, -0.4247** is the 20% darker color. If you saturate the color by 10%, you get **20.0843, -6.7068, -0.2306**, and if you desaturate by 10%, it is **20.7319, -4.2808, 0.3463**.

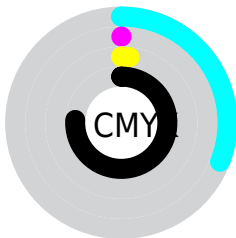
# Distribution



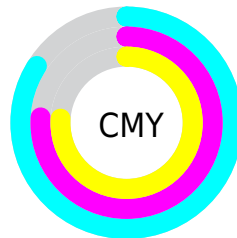
- Red (16%)
- Green (24%)
- Blue (24%)



- Red (16%)
- Yellow (20%)
- Blue (24%)



- Cyan (31%)
- Magenta (0%)
- Yellow (2%)
- Black (76%)



- Cyan (84%)
- Magenta (76%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3862, -5.5625, 0.0315 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 20.3862, -5.5625, 0.0315 by changing the saturation by 10% instead.



■ 20.3862, -5.5625,  
0.0315

■ 20.3862, -5.5625,  
0.0315

■ 118.8871,  
-14.6605, 4.5663

■ 13.2713, -4.5277,  
-0.2200

■ 37.3682, -7.5549,  
0.7264

■ 6.8034, -5.3687,  
-0.7519

■ 47.0590, -8.5427,  
1.1530

0.0000, NaN, NaN

■ 57.4673, -9.5348,  
1.6254

0.0000, NaN, NaN

■ 68.5466, -10.5353,  
2.1398

0.0000, NaN, NaN

■ 80.2586, -11.5466,  
2.6934

0.0000, NaN, NaN

■ 92.5707, -12.5705,

0.0000, NaN, NaN

105.4550,  
-13.6082, 3.9085

20.3862, -5.5625,  
0.0315

20.3862, -5.5625,  
0.0315

20.0843, -6.7068,  
-0.2306

20.7319, -4.2808,  
0.3463

19.8246, -7.7067,  
-0.4397

21.1201, -2.8687,  
0.7111

19.6069, -8.5591,  
-0.5951

21.5505, -1.3358,  
1.1235

19.4299, -9.2631,  
-0.6975

22.0225, 0.3077,  
1.5806

19.2918, -9.8213,  
-0.7488

22.5349, 2.0513,  
2.0792

■ 19.1799, -10.2801,  
-0.7654

■ 23.0865, 3.8844,  
2.6160

■ 19.0813, -10.6871,  
-0.7797

■ 23.6760, 5.7966,  
3.1875

■ 24.3019, 7.7780,  
3.7904

■ 24.9626, 9.8195,  
4.4216

# Harmonies

## Analogous

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



20.3866, -5.4939, 2.3840



20.3862, -5.5625, 0.0315



20.3866, -4.4749, -2.2820

# Triad

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



20.3866, -5.5628, 0.0318



20.3866, 2.3136, -2.5117



20.3866, 0.3150, 5.0234

# Complementary

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



20.3862, -5.5625, 0.0315



16.8005, 4.4773, 2.3645

# 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.



20.3866, 2.5337, 4.0032



20.3862, -5.5625, 0.0315



20.3866, 3.7251, -0.2526

# Square

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



20.3866, -5.5628, 0.0318



20.3866, 0.0264, -3.8655



20.3866, 3.8076, 2.1318



20.3866, -2.1807, 5.0800



# Rectangle

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



20.3862, -5.5625, 0.0315



20.3866, -3.2082, -3.4145



20.3866, 3.8076, 2.1318



20.3866, 1.1208, 4.7879

# Sweetspot

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



20.3866, -5.5628, 0.0318



27.4485, -3.3798, 1.0099



20.0604, -7.5725, 5.7542



14.5253, -1.8591, 0.5170



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.



20.3866, -5.5628, 0.0318



26.1061, -8.3338, -0.2202



18.3147, -2.2294, -3.0464



11.3826, -1.3211, 0.4387



29.6571, -16.6717, -1.0794



75.3818, -42.5647, -2.3356



# Inverse Universe

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



16.8005, 4.4773, 2.3645



20.4224, 7.6646, 3.5103



18.6027, 0.9631, 4.4981



10.8462, 0.1684, 0.7829



15.5213, 26.6510, 9.4855

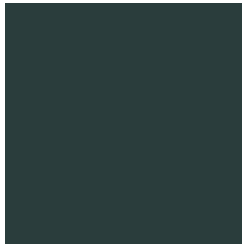


39.4103, 67.5567, 24.9588



# Previews

## White Background



This preview shows how the HunterLab color 20.3862, -5.5625, 0.0315 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

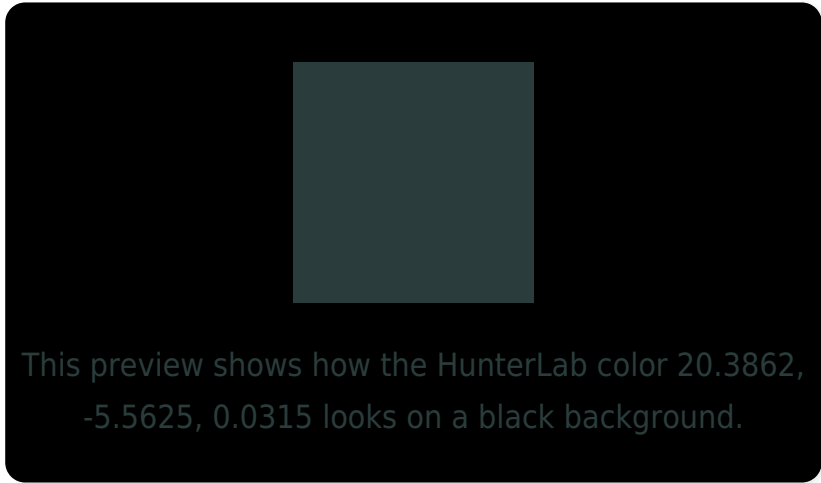
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

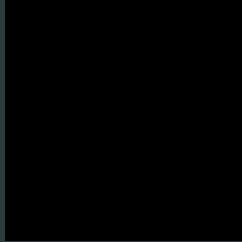
Any Text WCAG AA × Fail

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 20.3862, -5.5625, 0.0315 Background



This preview shows how black text looks on a background with the HunterLab color 20.3862, -5.5625, 0.0315.



This preview shows how white text looks on a background with the HunterLab color 20.3862, -5.5625,



# 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

20.3862, -5.5625, 0.0315

### Protanopia

20.3256, -0.6895, 0.8357

### Deuteranopia

20.3896, 0.9200, -0.2577



## Tritanopia

20.3149, -4.2157, -2.1516

# Trichromacy



## Original Color

20.3862, -5.5625, 0.0315

## Protanomaly

20.1791, -2.4189, 0.2346

## Deuteranomaly

20.3649, -1.6592, -0.3337

## Tritanomaly

20.2588, -4.5323, -1.3588

# Monochromacy



## Original Color

20.3862, -5.5625, 0.0315

## Achromatopsia

19.5459, -1.0429, 1.0620

## Achromatomaly

19.7478, -2.7683, 0.4983

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 20.3862, -5.5625, 0.0315 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(42, 61, 60)` looks like.

```
.text, #text, p{  
    color:rgb(42, 61, 60)  
}
```

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(42, 61, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 61, 60) }
```

## Border

The CSS property to change the border of an element to HunterLab 20.3862, -5.5625, 0.0315 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(42, 61, 60) }
```



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

```
.border{ border-color:rgb(42, 61, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 61, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 61, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 61, 60);  
box-shadow:4px 4px 4px 4px rgb(42, 61, 60)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 20.3862, -5.5625, 0.0315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 61, 60) }
```

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

```
.background{ background-color: rgb(42, 61,  
60) }
```

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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