

Converting Colors

HunterLab(21.3435, -5.5412,
-0.3162)

Have a look what the booklet for
HunterLab(21.3435, -5.5412,
-0.3162) contains.

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Color

**HunterLab(21.4356, -5.5273,
-0.3045)**

Conversions

Conversions Part 1

Format	Color
Hex	2D4040
RGB	45, 64, 64
RGB Percent	18%, 25%, 25%
CMY	0.8235, 0.7490, 0.7490
CMYK	0.30, 0.00, 0.00, 0.75
HSL	180°, 17%, 21%
HSV	180°, 30%, 25%
XYZ	3.8410, 4.5948, 5.5349
YIQ	58.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

Format	Color
RYB	45, 55, 64
Decimal	2965568
CIELab	25.55, -7.50, -2.45
CIELCh	26, 7.895, 198.104
Yxy	4.5950, 0.2749, 0.3289
Android (android.graphics.Color)	4281155648 (0xFF2D4040)
YUV	58.3190, 2.8007, -11.6808
Hunter-Lab	21.4356, -5.5273, -0.3045

Details

The HunterLab color **21.4356, -5.5273, -0.3045** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.7661, 4.3414, 2.7377**, and the grayscale version is **20.6730, -1.1031, 1.1232**.

A 20% lighter version of the original color is **38.7070, -7.6339, 0.2367**, and **7.9482, -4.2138, -0.8383** is the 20% darker color. If you saturate the color by 10%, you get **21.1204, -6.6994, -0.7196**, and if you desaturate by 10%, it is **21.7977, -4.2074, 0.1643**.

Distribution



Red (18%)

Green (25%)

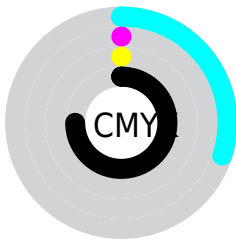
Blue (25%)



Red (18%)

Yellow (22%)

Blue (25%)

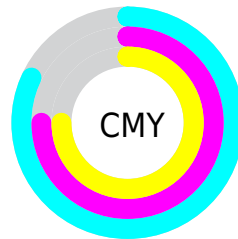


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (75%)



Cyan (82%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4356, -5.5273, -0.3045 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 21.4356, -5.5273, -0.3045 by changing the saturation by 10% instead.

■ 21.4356, -5.5273,
-0.3045

■ 21.4356, -5.5273,
-0.3045

■ 120.7651,
-14.4775, 4.0163

■ 14.1834, -4.5254,
-0.5236

■ 38.6490, -7.4725,
0.3330

■ 7.8374, -4.5907,
-0.8709

■ 48.4410, -8.4416,
0.7337

0.0000, NaN, NaN

■ 58.9435, -9.4171,
1.1817

0.0000, NaN, NaN

■ 70.1115, -10.4025,
1.6729

0.0000, NaN, NaN

■ 81.9073, -11.3999,
2.2044

0.0000, NaN, NaN

■ 94.2992, -12.4109,

0.0000, NaN, NaN

107.2598,
-13.4366, 3.3781

■ 21.4356, -5.5273,
-0.3045

■ 21.4356, -5.5273,
-0.3045

■ 21.1204, -6.6994,
-0.7196

■ 21.7977, -4.2074,
0.1643

■ 20.8505, -7.7166,
-1.0798

■ 22.2052, -2.7471,
0.6830

■ 20.6255, -8.5756,
-1.3838

■ 22.6581, -1.1567,
1.2486

■ 20.4441, -9.2756,
-1.6314

■ 23.1554, 0.5531,
1.8574

■ 20.3044, -9.8198,
-1.8237

■ 23.6960, 2.3710,
2.5056

■ 20.1983, -10.2358,
-1.9706

■ 24.2785, 4.2855,
3.1892

■ 20.0958, -10.6400,
-2.1133

■ 24.9016, 6.2856,
3.9044

■ 20.0925, -10.6527,
-2.1178

■ 25.5635, 8.3606,
4.6476

■ 26.2626, 10.5007,
5.4152

Harmonies

Analogous

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



21.4360, -5.6512, 2.0887



21.4356, -5.5273, -0.3045



21.4360, -4.2631, -2.5259

Triad

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



21.4360, -5.5276, -0.3042



21.4360, 2.5540, -2.1188



21.4360, -0.1445, 5.1784

Complementary

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



21.4356, -5.5273, -0.3045



17.7661, 4.3414, 2.7377

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.



21.4360, 2.1623, 4.3007



21.4356, -5.5273, -0.3045



21.4360, 3.7674, 0.2021

Square

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



21.4360, -5.5276, -0.3042



21.4360, 0.3702, -3.6534



21.4360, 3.6208, 2.5404



21.4360, -2.6191, 5.0760

Rectangle

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



21.4356, -5.5273, -0.3045



21.4360, -2.9092, -3.5273



21.4360, 3.6208, 2.5404



21.4360, 0.6783, 4.9928

Sweetspot

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



21.4360, -5.5276, -0.3042



29.2688, -3.5620, 0.9200



21.0275, -7.9073, 5.8183



15.3412, -1.9464, 0.4556



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



21.4360, -5.5276, -0.3042



27.9046, -8.5228, -0.8406



19.0871, -1.9314, -3.3401



12.1665, -1.4079, 0.4068



30.6464, -16.2482, -3.2301



76.7656, -40.7000, -8.0906

Inverse Universe

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



17.7661, 4.3414, 2.7377



21.8671, 7.8090, 4.1958



19.8369, 0.5219, 4.8121



11.5712, 0.1803, 0.8960



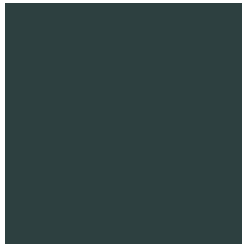
15.9245, 27.2713, 10.2895



39.8890, 68.3112, 25.7748

Previews

White Background



This preview shows how the HunterLab color 21.4356, -5.5273, -0.3045 looks on a white background.

Color Contrast Check

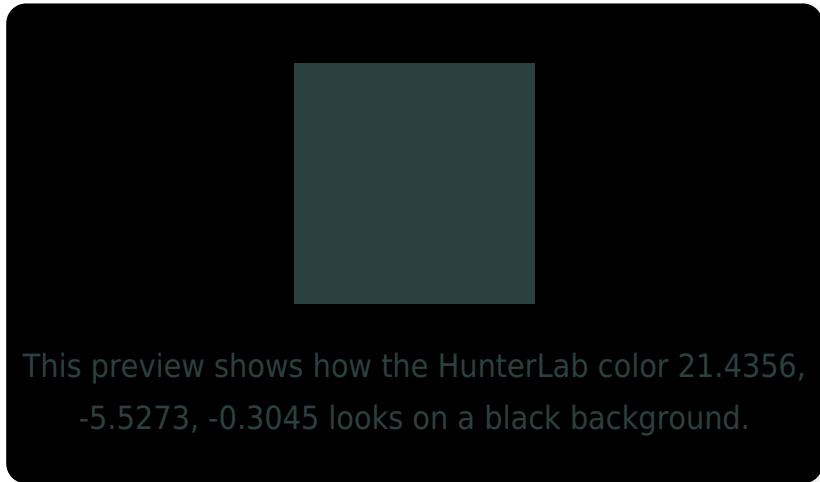
Large Text (above 18pt) WCAG AA ✓ Pass

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

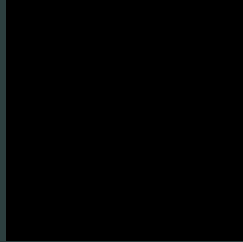
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

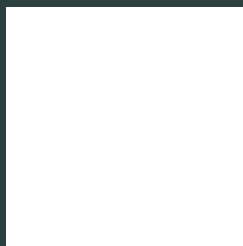
Any Text WCAG AAA × Fail

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

HunterLab 21.4356, -5.5273, -0.3045 Background



This preview shows how black text looks on a background with the HunterLab color 21.4356, -5.5273, -0.3045.



This preview shows how white text looks on a background with the HunterLab color 21.4356, -5.5273, -0.3045.

-0.3045.

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

21.4356, -5.5273, -0.3045

Protanopia

21.3813, -0.6023, 0.5269

Deuteranopia

21.4466, 1.0243, -0.5923



Tritanopia

21.3383, -4.3192, -2.1227

Trichromacy



Original Color

21.4356, -5.5273, -0.3045

Protanomaly

21.2334, -2.3429, -0.0882

Deuteranomaly

21.4219, -1.5732, -0.6689

Tritanomaly

21.3099, -4.4791, -1.7218

Monochromacy



Original Color

21.4356, -5.5273, -0.3045

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.7722, -2.8407, 0.5480

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4356, -5.5273, -0.3045 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, 64, 64)` looks like.

```
.text, #text, p{  
    color:rgb(45, 64, 64)  
}
```

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, 64, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 64, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4356, -5.5273, -0.3045 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, 64, 64) }
```


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

```
.border{ border-color:rgb(45, 64, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 64, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 64, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 64, 64);  
box-shadow:4px 4px 4px 4px rgb(45, 64, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4356, -5.5273, -0.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 64, 64) }
```

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

```
.background{ background-color: rgb(45, 64,  
64) }
```

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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