

Converting Colors

HunterLab(21.3175, -5.0130,
2.6421)

Have a look what the booklet for
HunterLab(21.3175, -5.0130, 2.6421)
contains.

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Color

**HunterLab(21.3175, -5.0130,
2.6421)**

Conversions

Conversions Part 1

Format	Color
Hex	333F38
RGB	51, 63, 56
RGB Percent	20%, 25%, 22%
CMY	0.8000, 0.7529, 0.7804
CMYK	0.19, 0.00, 0.11, 0.75
HSL	145°, 11%, 22%
HSV	145°, 19%, 25%
XYZ	3.8566, 4.5444, 4.4153
YIQ	58.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

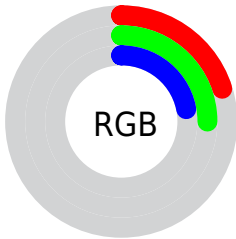
Format	Color
R _Y B	51, 59, 63
Decimal	3358520
CIE Lab	25.40, -6.61, 2.66
CIE LCh	25, 7.129, 158.093
Yxy	4.5445, 0.3009, 0.3546
Android (android.graphics.Color)	4281548600 (0xFF333F38)
YUV	58.6140, -1.2887, -6.6775
Hunter-Lab	21.3175, -5.0130, 2.6421

Details

The HunterLab color **21.3175, -5.0130, 2.6421** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.3133, 3.1491, -0.3336**, and the grayscale version is **20.7863, -1.1091, 1.1294**.

A 20% lighter version of the original color is **38.5870, -7.1017, 3.9361**, and **7.7308, -4.2147, 1.7697** is the 20% darker color. If you saturate the color by 10%, you get **20.8739, -6.8232, 3.4055**, and if you desaturate by 10%, it is **21.8100, -3.0631, 1.8859**.

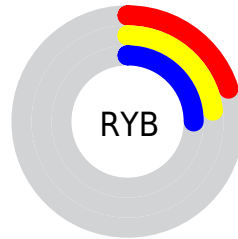
Distribution




 Red (20%)

 Green (25%)

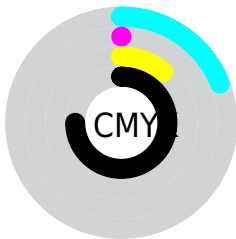
 Blue (22%)




 Red (20%)

 Yellow (23%)

 Blue (25%)

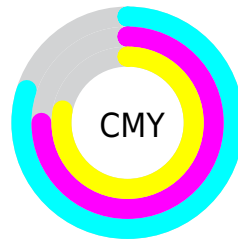



 Cyan (19%)


 Magenta (0%)

 Yellow (11%)

 Black (75%)



 Cyan (80%)

 Magenta (75%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3175, -5.0130, 2.6421 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 21.3175, -5.0130, 2.6421 by changing the saturation by 10% instead.

■ 21.3175, -5.0130,
2.6421

■ 21.3175, -5.0130,
2.6421

■ 120.5548,
-13.5213, 9.2713

■ 14.0805, -4.0864,
2.0416

■ 38.5052, -6.8334,
3.9231

■ 7.7287, -4.1418,
1.8472

■ 48.2860, -7.7484,
4.6056

0.0000, NaN, NaN

■ 58.7780, -8.6736,
5.3163

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.9361, -9.6119,
6.0547

0.0000, NaN, NaN

■ 81.7226, -10.5649,
6.8200

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.1056, -11.5337,

107.0577,
-12.5190, 8.4290

■ 21.3175, -5.0130,
2.6421

■ 21.3175, -5.0130,
2.6421

■ 20.8739, -6.8232,
3.4055

■ 21.8100, -3.0631,
1.8859

■ 20.4786, -8.4785,
4.1693

■ 22.3488, -0.9871,
1.1411

■ 20.1324, -9.9668,
4.9272

■ 22.9329, 1.1996,
0.4125

■ 19.8353, -11.2780,
5.6721

■ 23.5607, 3.4826,
-0.2964

■ 19.5863, -12.4053,
6.3967

■ 24.2304, 5.8480,
-0.9831

■ 19.3842, -13.3457,
7.0937

■ 24.9400, 8.2833,
-1.6455

■ 19.2220, -14.1206,
7.7519

■ 25.6878, 10.7771,
-2.2823

■ 19.0692, -14.8528,
8.3416

■ 26.4716, 13.3192,
-2.8930

■ 19.0549, -14.9213,
8.3939

■ 27.2897, 15.9009,
-3.4772

Harmonies

Analogous

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



21.3179, -3.7477, 4.1575



21.3175, -5.0130, 2.6421



21.3179, -5.2630, 0.5717

Triad

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



21.3179, -5.0134, 2.6424



21.3179, -0.5249, -3.3394



21.3179, 2.3816, 3.5510

Complementary

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



21.3175, -5.0130, 2.6421



19.3133, 3.1491, -0.3336

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.



21.3179, 3.3253, 1.7328



21.3175, -5.0130, 2.6421



21.3179, 1.6023, -2.3469

Square

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



21.3179, -5.0134, 2.6424



21.3179, -2.7321, -3.0312



21.3179, 3.0344, -0.4363



21.3179, 0.5031, 4.6428

Rectangle

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



21.3175, -5.0130, 2.6421



21.3179, -4.8298, -0.8743



21.3179, 3.0344, -0.4363



21.3179, 2.8221, 3.0124

Sweetspot

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



21.3179, -5.0134, 2.6424



28.4618, -3.2358, 2.1737



21.6790, -3.9180, 4.7241



14.5961, -1.6748, 1.1205



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.



21.3179, -5.0134, 2.6424



27.3425, -7.6836, 3.9142



21.4584, -4.2209, 0.6352



11.3466, -1.5213, 0.9536



28.6642, -22.7295, 13.2387



72.7620, -58.5652, 35.4793

Inverse Universe

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



19.3133, 3.1491, -0.3336



24.0912, 5.5704, -0.9066



19.1684, 2.3839, 1.7308



10.8826, 0.3649, 0.2639



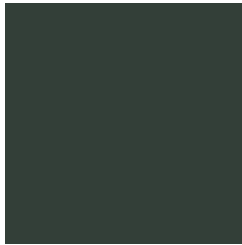
16.3538, 29.6953, -2.5255



41.3547, 74.6807, -3.1964

Previews

White Background



This preview shows how the HunterLab color 21.3175, -5.0130, 2.6421 looks on a white background.

Color Contrast Check

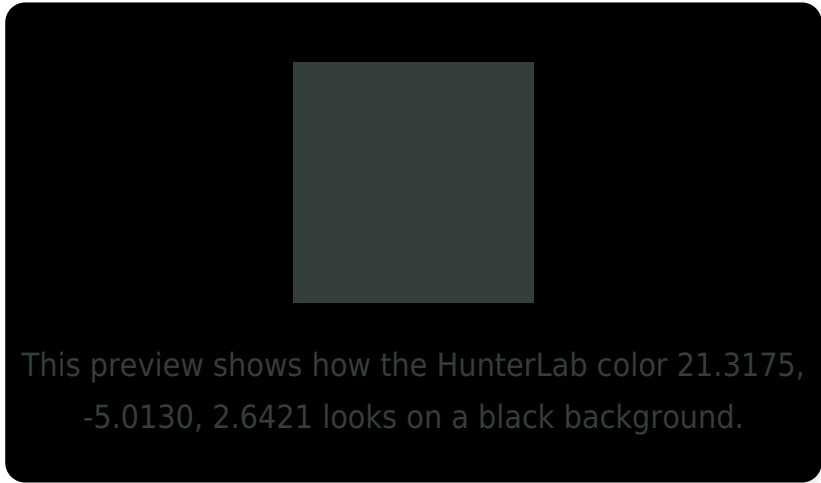
Large Text (above 18pt) WCAG AA ✓ Pass

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

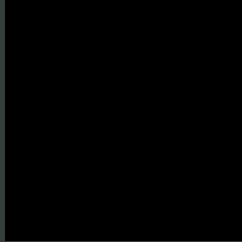
Any Text WCAG AA × Fail

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 21.3175, -5.0130, 2.6421 Background



This preview shows how black text looks on a background with the HunterLab color 21.3175, -5.0130, 2.6421.



This preview shows how white text looks on a background with the HunterLab color 21.3175, -5.0130,

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

21.3175, -5.0130, 2.6421

Protanopia

21.2654, -1.3867, 3.3489

Deuteranopia

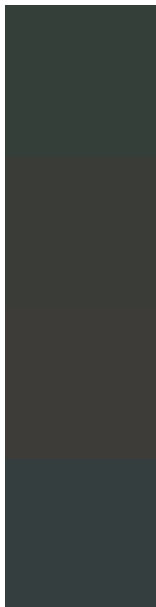
21.2481, 1.1763, 2.3123



Tritanopia

21.1842, -2.3544, -1.4132

Trichromacy



Original Color

21.3175, -5.0130, 2.6421

Protanomaly

21.2435, -2.6982, 2.9551

Deuteranomaly

21.2585, -1.2743, 2.2811

Tritanomaly

21.2676, -3.5765, 0.3372

Monochromacy



Original Color

21.3175, -5.0130, 2.6421

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.9236, -2.4028, 1.5079

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3175, -5.0130, 2.6421 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(51, 63, 56)` looks like.

```
.text, #text, p{  
    color:rgb(51, 63, 56)  
}
```

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(51, 63, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 63, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3175, -5.0130, 2.6421 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(51, 63, 56) }
```


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

```
.border{ border-color:rgb(51, 63, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 63, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 63, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 63, 56);  
box-shadow:4px 4px 4px 4px rgb(51, 63, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.3175, -5.0130, 2.6421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 63, 56) }
```

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

```
.background{ background-color: rgb(51, 63,  
56) }
```

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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