

Converting Colors

HunterLab(20.9982, -7.5215,
4.6250)

Have a look what the booklet for
HunterLab(20.9982, -7.5215, 4.6250)
contains.

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Color

**HunterLab(21.0866, -7.5279,
4.6915)**

Conversions

Conversions Part 1

Format	Color
Hex	2D4031
RGB	45, 64, 49
RGB Percent	18%, 25%, 19%
CMY	0.8235, 0.7490, 0.8078
CMYK	0.30, 0.00, 0.23, 0.75
HSL	133°, 17%, 21%
HSV	133°, 30%, 25%
XYZ	3.4700, 4.4464, 3.5811
YIQ	56.6090, -6.5090, -8.6930

Conversions

Conversions Part 2

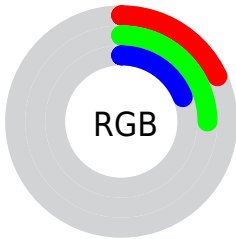
Format	Color
R_{YB}	45, 61, 64
Decimal	2965553
CIE Lab	25.10, -11.27, 6.78
CIE LCh	25, 13.148, 148.979
Yxy	4.4466, 0.3018, 0.3867
Android (android.graphics.Color)	4281155633 (0xFF2D4031)
YUV	56.6090, -3.7512, -10.1811
Hunter-Lab	21.0866, -7.5279, 4.6915

Details

The HunterLab color **21.0866, -7.5279, 4.6915** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.1470, 6.2950, -2.6756**, and the grayscale version is **20.1084, -1.0729, 1.0925**.

A 20% lighter version of the original color is **38.2606, -10.1592, 6.6210**, and **7.6040, -6.3146, 4.1272** is the 20% darker color. If you saturate the color by 10%, you get **20.6688, -9.3225, 5.7521**, and if you desaturate by 10%, it is **21.5594, -5.5540, 3.5716**.

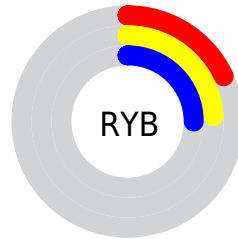
Distribution



Red (18%)

Green (25%)

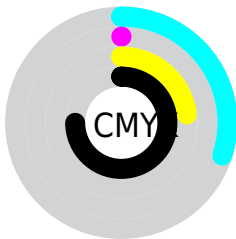
Blue (19%)



Red (18%)

Yellow (24%)

Blue (25%)

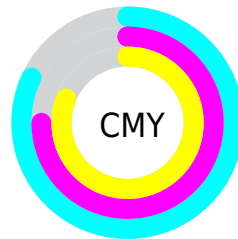


Cyan (30%)

Magenta (0%)

Yellow (23%)

Black (75%)



Cyan (82%)

Magenta (75%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0866, -7.5279, 4.6915 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 21.0866, -7.5279, 4.6915 by changing the saturation by 10% instead.

■ 21.0866, -7.5279,
4.6915

■ 21.0866, -7.5279,
4.6915

■ 120.1429,
-18.3689, 13.3081

■ 13.8795, -6.1947,
3.7415

■ 38.2239, -10.0146,
6.5428

■ 7.5112, -6.9379,
4.1483

■ 47.9825, -11.2163,
7.4700

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.4539, -12.4066,
8.4065

0.0000, NaN, NaN

■ 69.5927, -13.5926,
9.3555

0.0000, NaN, NaN

■ 81.3608, -14.7789,
10.3192

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.7264, -15.9689,

106.6618,
-17.1650, 12.2948

■ 21.0866, -7.5279,
4.6915

■ 21.0866, -7.5279,
4.6915

■ 20.6688, -9.3225,
5.7521

■ 21.5594, -5.5540,
3.5716

■ 20.3053, -10.9212,
6.7427

■ 22.0849, -3.4169,
2.4018

■ 19.9964, -12.3123,
7.6542

■ 22.6621, -1.1351,
1.1920

■ 19.7412, -13.4874,
8.4781

■ 23.2892, 1.2734,
-0.0485

■ 19.5382, -14.4434,
9.2075

■ 23.9641, 3.7909,
-1.3116

■ 19.3791, -15.2064,
9.8332

■ 24.6849, 6.4011,
-2.5901

■ 19.2327, -15.9047,
10.3320

■ 25.4492, 9.0889,
-3.8775

■ 19.2283, -15.9258,
10.3455

■ 26.2548, 11.8410,
-5.1688

■ 27.0994, 14.6457,
-6.4596

Harmonies

Analogous

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



21.0870, -4.8488, 6.7594



21.0866, -7.5279, 4.6915



21.0870, -8.5150, 1.2824

Triad

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



21.0870, -7.5283, 4.6917



21.0870, -1.2681, -7.9220



21.0870, 6.3051, 4.4992

Complementary

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



21.0866, -7.5279, 4.6915



18.1470, 6.2950, -2.6756

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.



21.0870, 7.4446, 1.0123



21.0866, -7.5279, 4.6915



21.0870, 2.8738, -6.6160

Square

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



21.0870, -7.5283, 4.6917



21.0870, -5.0768, -6.4341



21.0870, 6.1442, -3.1431



21.0870, 3.1383, 6.6642

Rectangle

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



21.0866, -7.5279, 4.6915



21.0870, -8.1433, -1.4685



21.0870, 6.1442, -3.1431



21.0870, 6.9482, 3.4667

Sweetspot

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



21.0870, -7.5283, 4.6917



29.1148, -4.4186, 3.1195



21.9622, -4.4375, 6.7530



15.2542, -2.4306, 1.6973



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.



21.0870, -7.5283, 4.6917



27.3367, -11.8126, 7.2957



21.2919, -6.3500, 1.7497



12.1082, -1.7319, 1.2399



29.2965, -24.4888, 16.2462



73.3033, -61.8486, 41.8905

Inverse Universe

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



18.1470, 6.2950, -2.6756



22.5022, 10.9855, -4.8207



17.8976, 5.0206, 0.8551



11.6310, 0.5027, 0.0445



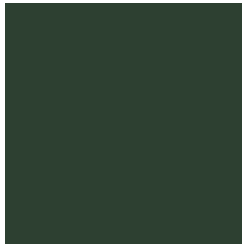
17.5063, 33.0005, -12.1023



43.6943, 82.1070, -28.1924

Previews

White Background



This preview shows how the HunterLab color 21.0866, -7.5279, 4.6915 looks on a white background.

Color Contrast Check

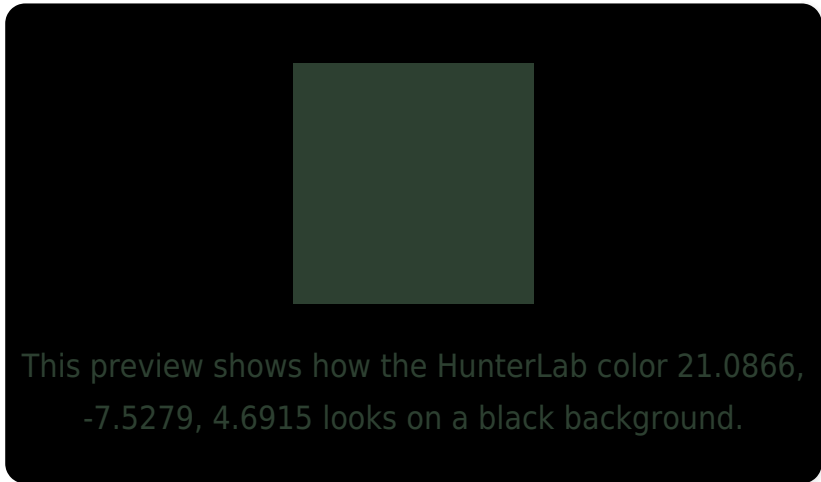
Large Text (above 18pt) WCAG AA ✓ Pass

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

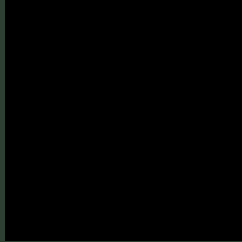
Any Text WCAG AA × Fail

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 21.0866, -7.5279, 4.6915 Background



This preview shows how black text looks on a background with the HunterLab color 21.0866, -7.5279, 4.6915.

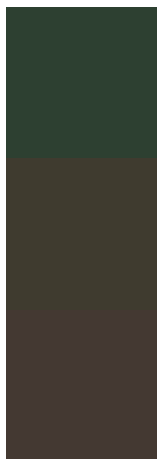


This preview shows how white text looks on a background with the HunterLab color 21.0866, -7.5279, 4.6915.

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

21.0866, -7.5279, 4.6915

Protanopia

20.9522, -1.5071, 5.2740

Deuteranopia

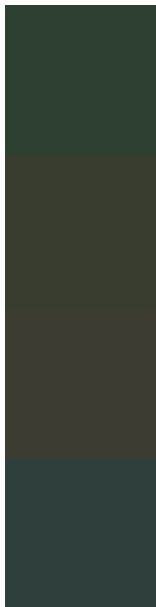
20.9416, 1.0505, 4.3790



Tritanopia

21.1634, -3.6807, -1.9004

Trichromacy



Original Color

21.0866, -7.5279, 4.6915

Protanomaly

20.9562, -4.0238, 4.9313

Deuteranomaly

21.0301, -2.3841, 4.4094

Tritanomaly

21.1792, -5.3285, 0.9897

Monochromacy



Original Color

21.0866, -7.5279, 4.6915

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.6275, -3.6483, 2.6153

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0866, -7.5279, 4.6915 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, 49)` looks like.

```
.text, #text, p{  
    color:rgb(45, 64, 49)  
}
```

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, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 64, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0866, -7.5279, 4.6915 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, 49) }
```


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

```
.border{ border-color:rgb(45, 64, 49) }
```

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, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 64, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 64, 49);  
box-shadow:4px 4px 4px 4px rgb(45, 64, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0866, -7.5279, 4.6915 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, 49) }
```

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

```
.background{ background-color: rgb(45, 64,  
49) }
```

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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