

Converting Colors

HunterLab(21.2866, -4.4028,
0.0616)

Have a look what the booklet for
HunterLab(21.2866, -4.4028, 0.0616)
contains.

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Color

**HunterLab(21.3702, -4.4769,
0.0428)**

Conversions

Conversions Part 1

Format	Color
Hex	313F3F
RGB	49, 63, 63
RGB Percent	19%, 25%, 25%
CMY	0.8078, 0.7529, 0.7529
CMYK	0.22, 0.00, 0.00, 0.75
HSL	180°, 13%, 22%
HSV	180°, 22%, 25%
XYZ	3.9413, 4.5669, 5.3764
YIQ	58.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

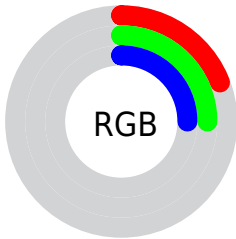
Format	Color
RYB	49, 56, 63
Decimal	3227455
CIELab	25.46, -5.66, -1.88
CIElCh	25, 5.964, 198.422
Yxy	4.5670, 0.2839, 0.3289
Android (android.graphics.Color)	4281417535 (0xFF313F3F)
YUV	58.8140, 2.0637, -8.6069
Hunter-Lab	21.3702, -4.4769, 0.0428

Details

The HunterLab color **21.3702, -4.4769, 0.0428** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.6421, 2.8306, 2.2946**, and the grayscale version is **20.8446, -1.1122, 1.1325**.

A 20% lighter version of the original color is **38.6645, -6.3864, 0.6517**, and **7.8092, -3.5841, -0.6373** is the 20% darker color. If you saturate the color by 10%, you get **21.0266, -5.7384, -0.4042**, and if you desaturate by 10%, it is **21.7596, -3.0768, 0.5404**.

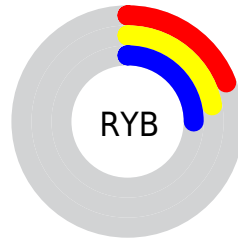
Distribution



Red (19%)

Green (25%)

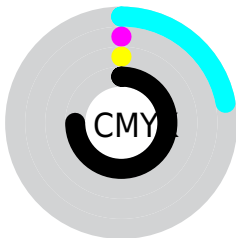
Blue (25%)



Red (19%)

Yellow (22%)

Blue (25%)

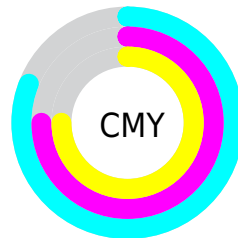


Cyan (22%)

Magenta (0%)

Yellow (0%)

Black (75%)



Cyan (81%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3702, -4.4769, 0.0428 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 21.3702, -4.4769, 0.0428 by changing the saturation by 10% instead.

■ 21.3702, -4.4769,
0.0428

■ 21.3702, -4.4769,
0.0428

■ 120.6487,
-12.5148, 4.6082

■ 14.1264, -3.6309,
-0.2149

■ 38.5694, -6.1639,
0.7472

■ 7.7774, -3.5856,
-0.5811

■ 48.3551, -7.0211,
1.1776

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.8519, -7.8929,
1.6535

0.0000, NaN, NaN

■ 70.0144, -8.7811,
2.1711

0.0000, NaN, NaN

■ 81.8050, -9.6869,
2.7276

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.1920, -10.6108,

107.1479,
-11.5534, 3.9480

■ 21.3702, -4.4769,
0.0428

■ 21.3702, -4.4769,
0.0428

■ 21.0266, -5.7384,
-0.4042

■ 21.7596, -3.0768,
0.5404

■ 20.7277, -6.8526,
-0.7990

■ 22.1931, -1.5464,
1.0844

■ 20.4733, -7.8142,
-1.1395

■ 22.6704, 0.1036,
1.6717

■ 20.2627, -8.6205,
-1.4247

■ 23.1904, 1.8623,
2.2985

■ 20.0944, -9.2716,
-1.6549

■ 23.7518, 3.7184,
2.9610

■ 19.9663, -9.7713,
-1.8314

■ 24.3532, 5.6611,
3.6554

■ 19.8636, -10.1745,
-1.9737

■ 24.9931, 7.6799,
4.3781

■ 19.7839, -10.4893,
-2.0848

■ 25.6699, 9.7649,
5.1256

■ 26.3819, 11.9071,
5.8949

Harmonies

Analogous

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



21.3706, -4.5823, 1.8447



21.3702, -4.4769, 0.0428



21.3706, -3.4973, -1.5842

Triad

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



21.3706, -4.4772, 0.0431



21.3706, 1.6421, -1.2574



21.3706, -0.4080, 4.2769

Complementary

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



21.3702, -4.4769, 0.0428



18.6421, 2.8306, 2.2946

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.



21.3706, 1.3211, 3.5883



21.3702, -4.4769, 0.0428



21.3706, 2.5319, 0.4586

Square

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



21.3706, -4.4772, 0.0431



21.3706, 0.0177, -2.3787



21.3706, 2.4124, 2.2259



21.3706, -2.2764, 4.1867

Rectangle

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



21.3702, -4.4769, 0.0428



21.3706, -2.4600, -2.3031



21.3706, 2.4124, 2.2259



21.3706, 0.2099, 4.1314

Sweetspot

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



21.3706, -4.4772, 0.0431



28.4771, -3.0328, 1.0402



21.0612, -6.2618, 4.6879



14.6085, -1.5533, 0.5345



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.



21.3706, -4.4772, 0.0431



27.4314, -6.7986, -0.2970



19.6546, -1.7964, -2.1070



11.3863, -1.3007, 0.3864



29.8029, -15.8014, -3.1405



75.7812, -40.1791, -7.9848

Inverse Universe

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



18.6421, 2.8306, 2.2946



22.9876, 5.1396, 3.3820



20.2100, 0.0262, 3.9290



10.8427, 0.1494, 0.8330



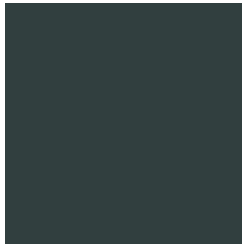
15.4863, 26.5208, 10.0061



39.3776, 67.4354, 25.4442

Previews

White Background



This preview shows how the HunterLab color 21.3702, -4.4769, 0.0428 looks on a white background.

Color Contrast Check

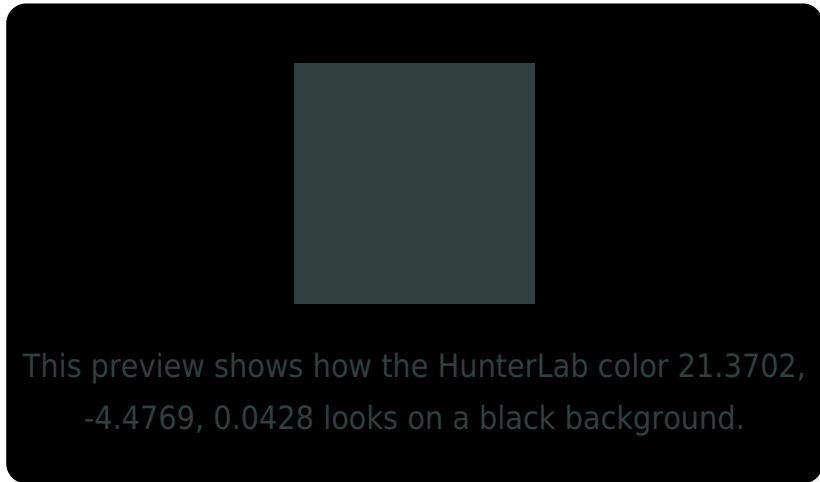
Large Text (above 18pt) WCAG AA ✓ Pass

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

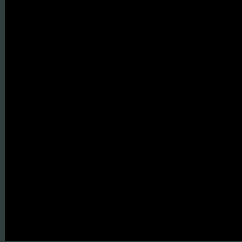
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

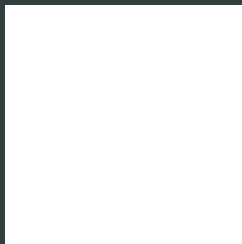
Any Text WCAG AAA × Fail

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

HunterLab 21.3702, -4.4769, 0.0428 Background



This preview shows how black text looks on a background with the HunterLab color 21.3702, -4.4769, 0.0428.



This preview shows how white text looks on a background with the HunterLab color 21.3702, -4.4769, 0.0428.

0.0428.

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

21.3702, -4.4769, 0.0428

Protanopia

21.3559, -0.7412, 0.8895

Deuteranopia

21.1808, 1.3022, -0.5033



Tritanopia

21.2805, -3.2602, -1.7389

Trichromacy



Original Color

21.3702, -4.4769, 0.0428

Protanomaly

21.3428, -2.0092, 0.4557

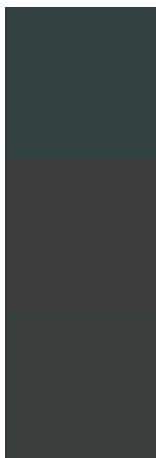
Deuteranomaly

21.2878, -0.8211, -0.4064

Tritanomaly

21.2525, -3.4164, -1.3434

Monochromacy



Original Color

21.3702, -4.4769, 0.0428

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.9050, -2.3693, 0.7156

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3702, -4.4769, 0.0428 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(49, 63, 63)` looks like.

```
.text, #text, p{  
    color:rgb(49, 63, 63)  
}
```

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(49, 63, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 63, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3702, -4.4769, 0.0428 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(49, 63, 63) }
```


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

```
.border{ border-color:rgb(49, 63, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 63, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 63, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 63, 63);  
box-shadow:4px 4px 4px 4px rgb(49, 63, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.3702, -4.4769, 0.0428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 63, 63) }
```

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

```
.background{ background-color: rgb(49, 63,  
63) }
```

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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