

Converting Colors

HunterLab(20.6905, -4.7559,
0.7415)

Have a look what the booklet for
HunterLab(20.6905, -4.7559, 0.7415)
contains.

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Color

**HunterLab(20.6339, -4.7031,
0.7429)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3D3B
RGB	47, 61, 59
RGB Percent	18%, 24%, 23%
CMY	0.8157, 0.7608, 0.7686
CMYK	0.23, 0.00, 0.03, 0.76
HSL	171°, 13%, 21%
HSV	171°, 23%, 24%
XYZ	3.6304, 4.2576, 4.7681
YIQ	56.5860, -7.7020, -3.5900

Conversions

Conversions Part 2

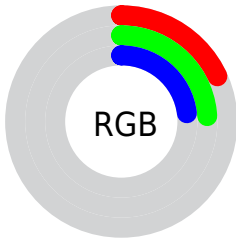
Format	Color
RYB	47, 55, 61
Decimal	3095867
CIELab	24.51, -6.20, -0.66
CIElCh	25, 6.240, 186.052
Yxy	4.2578, 0.2869, 0.3364
Android (android.graphics.Color)	4281285947 (0xFF2F3D3B)
YUV	56.5860, 1.1901, -8.4069
Hunter-Lab	20.6339, -4.7031, 0.7429

Details

The HunterLab color **20.6339, -4.7031, 0.7429** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.0194, 3.0925, 1.5962**, and the grayscale version is **20.0844, -1.0717, 1.0912**.

A 20% lighter version of the original color is **37.5405, -6.3633, 1.4852**, and **7.0933, -4.1997, 0.1999** is the 20% darker color. If you saturate the color by 10%, you get **20.2825, -6.0447, 0.6404**, and if you desaturate by 10%, it is **21.0289, -3.2331, 0.8981**.

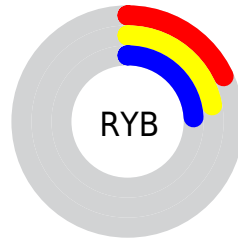
Distribution



Red (18%)

Green (24%)

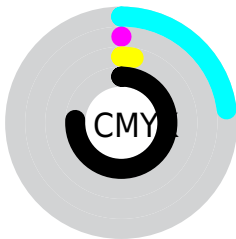
Blue (23%)



Red (18%)

Yellow (22%)

Blue (24%)

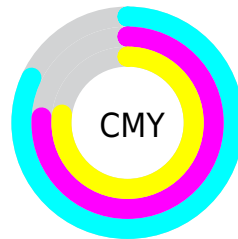


Cyan (23%)

Magenta (0%)

Yellow (3%)

Black (76%)



Cyan (82%)

Magenta (76%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.6339, -4.7031, 0.7429 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 20.6339, -4.7031, 0.7429 by changing the saturation by 10% instead.

■ 20.6339, -4.7031,
0.7429

■ 20.6339, -4.7031,
0.7429

■ 119.3323,
-12.9996, 5.8179

■ 13.4862, -3.8089,
0.4033

■ 37.6712, -6.4661,
1.5876

■ 7.0628, -4.2054,
-0.0016

■ 47.3861, -7.3554,
2.0800

0.0000, NaN, NaN

■ 57.8169, -8.2564,
2.6139

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.9173, -9.1718,
3.1863

0.0000, NaN, NaN

■ 80.6492, -10.1031,
3.7948

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.9803, -11.0511,

105.8828,
-12.0165, 5.1122

■ 20.6339, -4.7031,
0.7429

■ 20.6339, -4.7031,
0.7429

■ 20.2825, -6.0447,
0.6404

■ 21.0289, -3.2331,
0.8981

■ 19.9736, -7.2485,
0.5903

■ 21.4657, -1.6432,
1.1036

■ 19.7074, -8.3085,
0.5930

■ 21.9439, 0.0556,
1.3578

■ 19.4830, -9.2207,
0.6473

■ 22.4625, 1.8525,
1.6583

■ 19.2994, -9.9839,
0.7513

■ 23.0201, 3.7368,
2.0023

■ 19.1545, -10.6006,
0.9020

■ 23.6155, 5.6980,
2.3869

■ 19.0302, -11.1393,
1.0759

■ 24.2471, 7.7260,
2.8092

■ 18.9424, -11.5221,
1.1965

■ 24.9133, 9.8118,
3.2661

■ 25.6127, 11.9469,
3.7549

Harmonies

Analogous

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



20.6343, -4.4215, 2.5205



20.6339, -4.7031, 0.7429



20.6343, -4.0498, -1.0905

Triad

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



20.6343, -4.7034, 0.7432



20.6343, 1.1536, -1.9770



20.6343, 0.4436, 4.1271

Complementary

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



20.6339, -4.7031, 0.7429



18.0194, 3.0925, 1.5962

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.



20.6343, 2.0209, 3.1159



20.6339, -4.7031, 0.7429



20.6343, 2.4414, -0.3793

Square

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



20.6343, -4.7034, 0.7432



20.6343, -0.7049, -2.7522



20.6343, 2.7645, 1.4961



20.6343, -1.4963, 4.3676

Rectangle

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



20.6339, -4.7031, 0.7429



20.6343, -3.1566, -2.0636



20.6343, 2.7645, 1.4961



20.6343, 1.0360, 3.8709

Sweetspot

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



20.6343, -4.7034, 0.7432



27.5494, -3.0444, 1.3055



20.4899, -5.7726, 4.7426



14.5975, -1.6143, 0.6916



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.



20.6343, -4.7034, 0.7432



26.4326, -7.2061, 0.8708



19.4408, -2.4938, -1.5293



11.3764, -1.3558, 0.5279



29.4277, -18.0515, 2.1860



74.7576, -46.3207, 6.5527

Inverse Universe

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



18.0194, 3.0925, 1.5962



22.1573, 5.5757, 2.2822



19.0906, 0.8243, 3.4256



10.8523, 0.2011, 0.6963



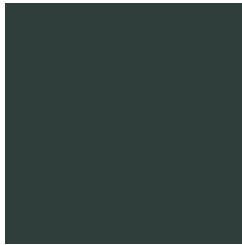
15.5838, 26.8823, 8.5616



39.5077, 67.9181, 23.5141

Previews

White Background



This preview shows how the HunterLab color 20.6339, -4.7031, 0.7429 looks on a white background.

Color Contrast Check

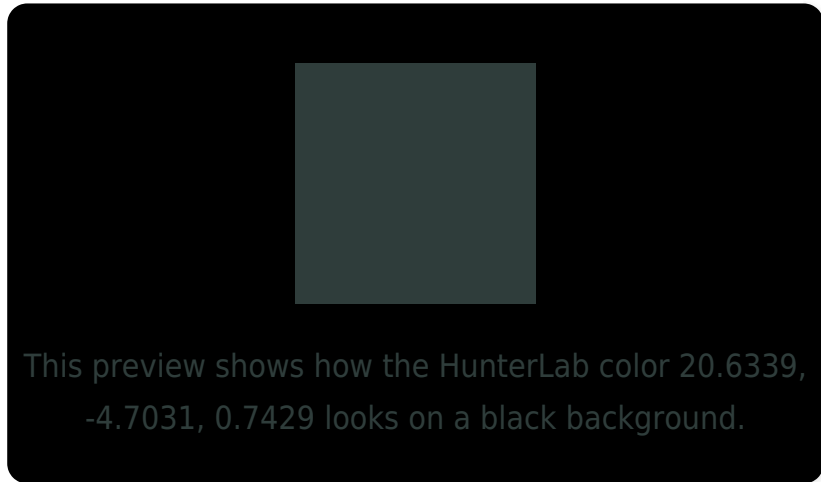
Large Text (above 18pt) WCAG AA ✓ Pass

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

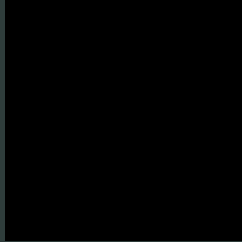
Any Text WCAG AA × Fail

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 20.6339, -4.7031, 0.7429 Background



This preview shows how black text looks on a background with the HunterLab color 20.6339, -4.7031, 0.7429.



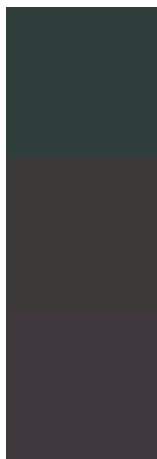
This preview shows how white text looks on a background with the HunterLab color 20.6339, -4.7031,

0.7429.

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

20.6339, -4.7031, 0.7429

Protanopia

20.6187, -0.9762, 1.5572

Deuteranopia

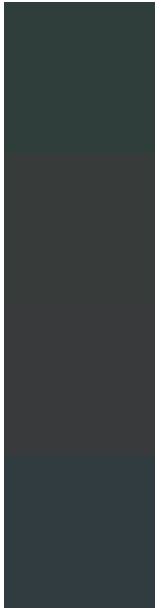
20.5216, 1.3126, 0.3173



Tritanopia

20.5955, -3.2038, -1.7621

Trichromacy



Original Color

20.6339, -4.7031, 0.7429

Protanomaly

20.6050, -2.2451, 1.1389

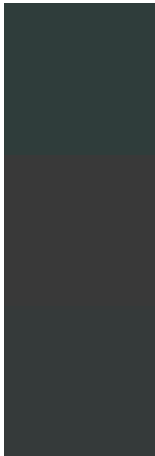
Deuteranomaly

20.5480, -1.0721, 0.3077

Tritanomaly

20.5401, -3.5132, -0.9791

Monochromacy



Original Color

20.6339, -4.7031, 0.7429

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.2200, -2.3248, 0.6810

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.6339, -4.7031, 0.7429 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(47, 61, 59)` looks like.

```
.text, #text, p{  
    color:rgb(47, 61, 59)  
}
```

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(47, 61, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 61, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 20.6339, -4.7031, 0.7429 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(47, 61, 59) }
```


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

```
.border{ border-color:rgb(47, 61, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 61, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 61, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 61, 59);  
box-shadow:4px 4px 4px 4px rgb(47, 61, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.6339, -4.7031, 0.7429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 61, 59) }
```

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

```
.background{ background-color: rgb(47, 61,  
59) }
```

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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