

Converting Colors

HunterLab(21.2438, -3.3961,
6.3628)

Have a look what the booklet for
HunterLab(21.2438, -3.3961, 6.3628)
contains.

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Color

**HunterLab(21.1660, -3.4181,
6.3077)**

Conversions

Conversions Part 1

Format	Color
Hex	3C3D2C
RGB	60, 61, 44
RGB Percent	24%, 24%, 17%
CMY	0.7647, 0.7608, 0.8274
CMYK	0.02, 0.00, 0.28, 0.76
HSL	64°, 16%, 21%
HSV	64°, 28%, 24%
XYZ	3.9868, 4.4800, 3.0375
YIQ	58.7630, 4.8610, -5.4990

Conversions

Conversions Part 2

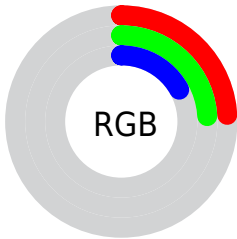
Format	Color
R_{YB}	44, 61, 45
Decimal	3947820
CIE Lab	25.20, -3.85, 10.38
CIE LCh	25, 11.069, 110.381
Yxy	4.4802, 0.3466, 0.3894
Android (android.graphics.Color)	4282137900 (0xFF3C3D2C)
YUV	58.7630, -7.2782, 1.0848
Hunter-Lab	21.1660, -3.4181, 6.3077

Details

The HunterLab color **21.1660, -3.4181, 6.3077** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.4204, 1.9776, -5.7892**, and the grayscale version is **20.8549, -1.1128, 1.1331**.

A 20% lighter version of the original color is **38.2772, -4.5319, 8.5240**, and **7.7094, -2.3238, 4.7098** is the 20% darker color. If you saturate the color by 10%, you get **21.0392, -4.0788, 7.7490**, and if you desaturate by 10%, it is **21.3090, -2.6779, 4.6557**.

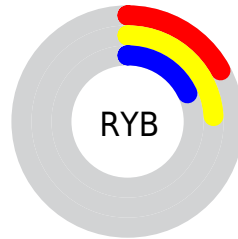
Distribution



Red (24%)

Green (24%)

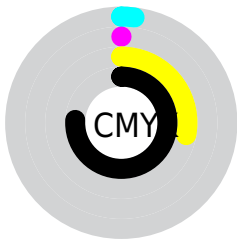
Blue (17%)



Red (17%)

Yellow (24%)

Blue (18%)

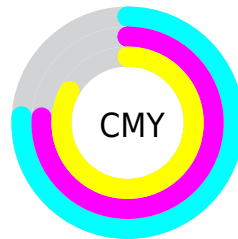


Cyan (2%)

Magenta (0%)

Yellow (28%)

Black (76%)



Cyan (76%)

Magenta (76%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1660, -3.4181, 6.3077 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 21.1660, -3.4181, 6.3077 by changing the saturation by 10% instead.

■ 21.1660, -3.4181,
6.3077

■ 21.1660, -3.4181,
6.3077

■ 120.2847,
-10.5694, 16.7502

■ 13.9486, -2.7223,
5.0295

■ 38.3207, -4.8555,
8.6897

■ 7.5868, -2.6192,
5.3108

■ 48.0869, -5.6042,
9.8425

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.5655, -6.3751,
10.9865

0.0000, NaN, NaN

■ 69.7109, -7.1687,
12.1285

0.0000, NaN, NaN

■ 81.4854, -7.9851,
13.2731

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.8569, -8.8242,

106.7981, -9.6857,
15.5820

■ 21.1660, -3.4181,
6.3077

■ 21.1660, -3.4181,
6.3077

■ 21.0392, -4.0788,
7.7490

■ 21.3090, -2.6779,
4.6557

■ 20.9268, -4.6593,
8.9821

■ 21.4671, -1.8562,
2.7908

■ 20.8287, -5.1618,
10.0121

■ 21.6411, -0.9537,
0.7135

■ 20.7443, -5.5889,
10.8461

■ 21.8312, 0.0286,
-1.5747

■ 20.6729, -5.9438,
11.4934

■ 22.0374, 1.0895,
-4.0710

■ 20.6125, -6.2369,
11.9810

■ 22.2598, 2.2271,
-6.7711

■ 20.5540, -6.5203,
12.4435

■ 22.4985, 3.4395,
-9.6702

■ 20.5416, -6.5808,
12.5424

■ 22.7533, 4.7240,
-12.7623

■ 23.0243, 6.0781,
-16.0406

Harmonies

Analogous

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



21.1665, 0.0032, 6.5321



21.1660, -3.4181, 6.3077



21.1665, -6.0587, 4.8341

Triad

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



21.1665, -3.4187, 6.3080



21.1665, -5.2446, -4.3826



21.1665, 5.9052, 0.0568

Complementary

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



21.1660, -3.4181, 6.3077



16.4204, 1.9776, -5.7892

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.



21.1665, 4.2944, -3.3393



21.1660, -3.4181, 6.3077



21.1665, -2.2409, -6.1629

Square

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



21.1665, -3.4187, 6.3080



21.1665, -7.0645, -1.1954



21.1665, 1.2592, -5.7530



21.1665, 5.5390, 3.2582

Rectangle

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



21.1660, -3.4181, 6.3077



21.1665, -7.0916, 3.1867



21.1665, 1.2592, -5.7530



21.1665, 5.5732, -1.1068

Sweetspot

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



21.1665, -3.4187, 6.3080



27.7940, -2.4583, 3.7386



17.4339, 3.4003, 2.6982



14.7184, -1.3493, 2.0877



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.



21.1665, -3.4187, 6.3080



27.3040, -5.0040, 9.4327



20.5922, -5.5085, 5.7313



11.5032, -1.0210, 1.5555



31.9082, -10.3379, 19.4807



81.0469, -26.6153, 49.4748

Inverse Universe

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



16.4204, 1.9776, -5.7892



19.7644, 3.6410, -9.9764



17.0434, 4.0004, -4.7871



10.7175, -0.1388, -0.4178



9.2213, 24.6238, -62.5058



23.1344, 62.3798, -161.4944

Previews

White Background



This preview shows how the HunterLab color 21.1660, -3.4181, 6.3077 looks on a white background.

Color Contrast Check

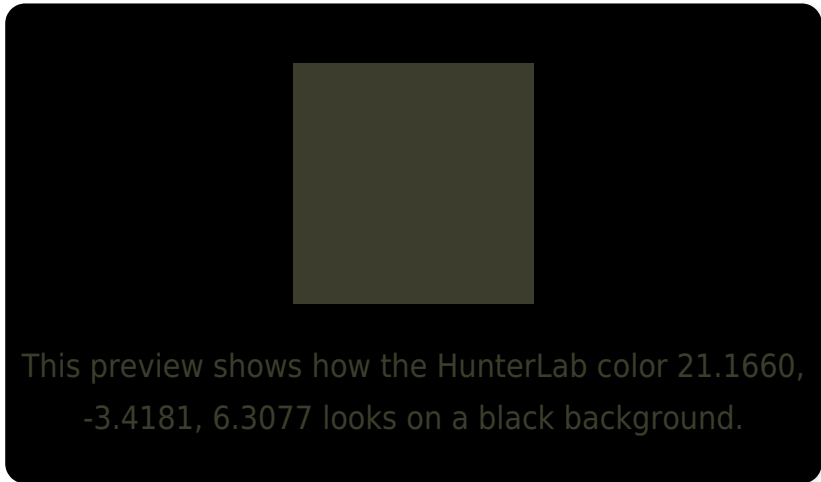
Large Text (above 18pt) WCAG AA ✓ Pass

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

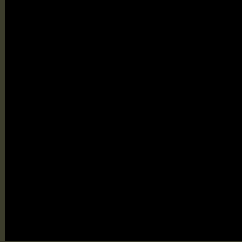
Any Text WCAG AA × Fail

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 21.1660, -3.4181, 6.3077 Background



This preview shows how black text looks on a background with the HunterLab color 21.1660, -3.4181, 6.3077.

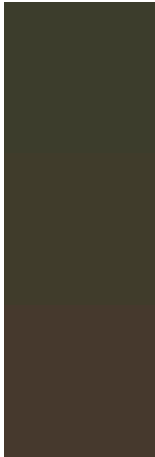


This preview shows how white text looks on a background with the HunterLab color 21.1660, -3.4181,

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

21.1660, -3.4181, 6.3077

Protanopia

21.2041, -2.0347, 6.6396

Deuteranopia

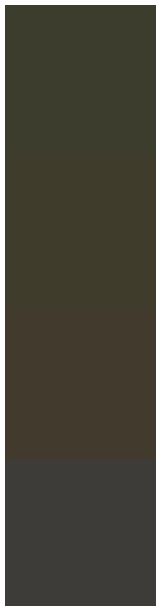
21.0186, 1.1158, 5.9680



Tritanopia

21.2390, 0.2125, -0.0366

Trichromacy



Original Color

21.1660, -3.4181, 6.3077

Protanomaly

21.1256, -2.3117, 6.5626

Deuteranomaly

20.9137, -0.4659, 5.8406

Tritanomaly

21.2352, -1.4020, 2.6143

Monochromacy



Original Color

21.1660, -3.4181, 6.3077

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.0425, -2.1691, 3.0947

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1660, -3.4181, 6.3077 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(60, 61, 44)` looks like.

```
.text, #text, p{  
    color:rgb(60, 61, 44)  
}
```

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(60, 61, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 61, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1660, -3.4181, 6.3077 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(60, 61, 44) }
```


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

```
.border{ border-color:rgb(60, 61, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 61, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 61, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 61, 44);  
box-shadow:4px 4px 4px 4px rgb(60, 61, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.1660, -3.4181, 6.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 61, 44) }
```

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

```
.background{ background-color: rgb(60, 61,  
44) }
```

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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