

Converting Colors

HunterLab(21.8199, -0.6199,
1.1832)

Have a look what the booklet for
HunterLab(21.8199, -0.6199, 1.1832)
contains.

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Color

**HunterLab(21.7762, -0.4994,
1.0012)**

Conversions

Conversions Part 1

Format	Color
Hex	3F3D3E
RGB	63, 61, 62
RGB Percent	25%, 24%, 24%
CMY	0.7529, 0.7608, 0.7569
CMYK	0.00, 0.03, 0.02, 0.75
HSL	330°, 2%, 24%
HSV	330°, 3%, 25%
XYZ	4.5881, 4.7420, 5.2309
YIQ	61.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

Format	Color
RYB	63, 61, 62
Decimal	4144446
CIELab	25.99, 1.08, -0.31
CIELCh	26, 1.121, 343.732
Yxy	4.7422, 0.3151, 0.3257
Android (android.graphics.Color)	4282334526 (0xFF3F3D3E)
YUV	61.7120, 0.1420, 1.1296
Hunter-Lab	21.7762, -0.4994, 1.0012

Details

The HunterLab color **21.7762, -0.4994, 1.0012** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22.1247, -1.8346, 1.3874**, and the grayscale version is **21.8480, -1.1658, 1.1870**.

A 20% lighter version of the original color is **38.9984, -1.0625, 2.0161**, and **8.2200, 0.1296, 0.2937** is the 20% darker color. If you saturate the color by 10%, you get **20.1868, 1.7003, 0.3766**, and if you desaturate by 10%, it is **23.4317, -2.6602, 1.6791**.

Distribution



 Red (25%)

 Green (24%)

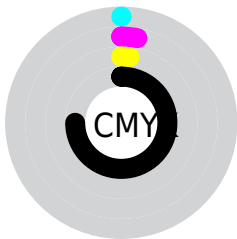
 Blue (24%)



 Red (25%)

 Yellow (24%)

 Blue (24%)



 Cyan (0%)

 Magenta (3%)

 Yellow (2%)

 Black (75%)



 Cyan (75%)

 Magenta (76%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7762, -0.4994, 1.0012 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 21.7762, -0.4994, 1.0012 by changing the saturation by 10% instead.

■ 21.7762, -0.4994,
1.0012

■ 21.7762, -0.4994,
1.0012

■ 121.3701, -5.3114,
6.2816

■ 14.4804, -0.1935,
0.6276

■ 39.0632, -1.2822,
1.9033

■ 8.1415, 0.1413,
0.2832

■ 48.8875, -1.7449,
2.4208

0.0000, NaN, NaN

■ 59.4201, -2.2497,
2.9781

0.0000, NaN, NaN

■ 70.6164, -2.7932,
3.5724

0.0000, NaN, NaN

■ 82.4390, -3.3732,
4.2016

0.0000, NaN, NaN

■ 94.8564, -3.9873,

0.0000, NaN, NaN

4.8639

0.0000, NaN, NaN

107.8414, -4.6339,
5.5577

■ 21.7762, -0.4994,
1.0012

■ 21.7762, -0.4994,
1.0012

■ 20.1868, 1.7003,
0.3766

■ 23.4317, -2.6602,
1.6791

■ 18.6715, 3.9378,
-0.1832

■ 25.1444, -4.7814,
2.3997

■ 17.2418, 6.2031,
-0.6615

■ 26.9082, -6.8668,
3.1558

■ 15.9111, 8.4760,
-1.0378

■ 28.7180, -8.9200,
3.9417

■ 14.6951, 10.7194,
-1.2869

■ 30.5694, -10.9453,
4.7531

■ 13.6113, 12.8738,
-1.3804

■ 32.4587, -12.9466,
5.5866

■ 12.6783, 14.8522,
-1.2897

■ 34.3828, -14.9277,
6.4393

■ 11.9134, 16.5439,
-0.9925

■ 36.3389, -16.8920,
7.3092

■ 11.2407, 18.1239,
-0.5934

■ 38.3249, -18.8424,
8.1946

Harmonies

Analogous

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



21.7767, -0.6863, 0.7080



21.7762, -0.4994, 1.0012



21.7767, -0.4920, 1.3399

Triad

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



21.7767, -0.4999, 1.0016



21.7767, -1.3259, 1.8105



21.7767, -1.6571, 0.7289

Complementary

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



21.7762, -0.4994, 1.0012



22.1247, -1.8346, 1.3874

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.



21.7767, -1.8262, 1.0297



21.7762, -0.4994, 1.0012



21.7767, -1.6358, 1.6522

Square

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



21.7767, -0.4999, 1.0016



21.7767, -0.9704, 1.8032



21.7767, -1.8185, 1.3676



21.7767, -1.3552, 0.5489

Rectangle

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



21.7762, -0.4994, 1.0012



21.7767, -0.5890, 1.5450



21.7767, -1.8185, 1.3676



21.7767, -1.7313, 0.8195

Sweetspot

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



21.7767, -0.4999, 1.0016



28.6805, -1.2487, 1.4802



21.7272, -0.6198, 0.5445



14.7267, -0.6598, 0.7652



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.



21.7767, -0.4999, 1.0016



28.0202, -0.3650, 1.2140



21.7517, -0.6360, 1.3576



11.2258, -0.1441, 0.4858



16.1390, 28.9175, 0.5136



40.8051, 72.6851, 4.6228

Inverse Universe

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



21.7767, -0.4999, 1.0016



28.0202, -0.3650, 1.2140



22.1497, -1.6970, 1.0308



11.2258, -0.1441, 0.4858



16.1390, 28.9175, 0.5136



40.8051, 72.6851, 4.6228

Previews

White Background



This preview shows how the HunterLab color 21.7762, -0.4994, 1.0012 looks on a white background.

Color Contrast Check

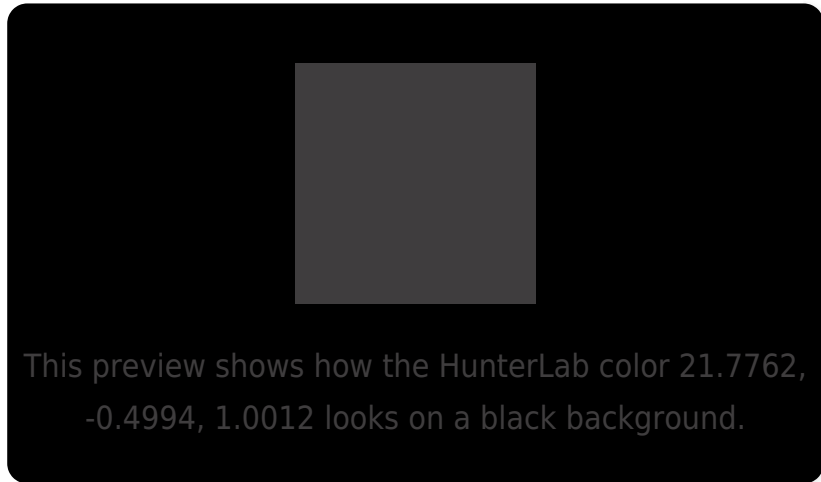
Large Text (above 18pt) WCAG AA ✓ Pass

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

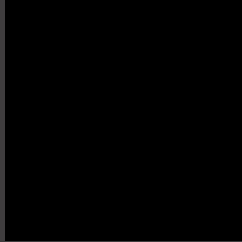
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

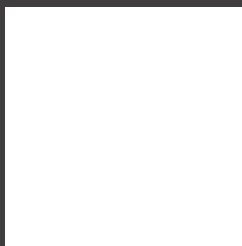
Any Text WCAG AAA × Fail

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

HunterLab 21.7762, -0.4994, 1.0012 Background



This preview shows how black text looks on a background with the HunterLab color 21.7762, -0.4994, 1.0012.

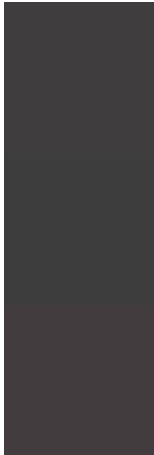


This preview shows how white text looks on a background with the HunterLab color 21.7762, -0.4994,

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

21.7762, -0.4994, 1.0012

Protanopia

21.7012, -0.7586, 0.9075

Deuteranopia

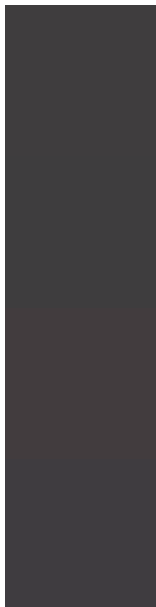
21.8468, 0.9876, 1.1107



Tritanopia

21.6105, 0.3414, -0.3984

Trichromacy



Original Color

21.7762, -0.4994, 1.0012

Protanomaly

21.7012, -0.7586, 0.9075

Deuteranomaly

21.7664, 0.7156, 1.0108

Tritanomaly

21.5839, 0.1974, -0.0207

Monochromacy



Original Color

21.7762, -0.4994, 1.0012

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

21.9481, -1.1711, 1.1925

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7762, -0.4994, 1.0012 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(63, 61, 62)` looks like.

```
.text, #text, p{  
    color:rgb(63, 61, 62)  
}
```

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(63, 61, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 61, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7762, -0.4994, 1.0012 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(63, 61, 62) }
```


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

```
.border{ border-color:rgb(63, 61, 62) }
```

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

Here you see how a box with a 4 pixel rgb(63, 61, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 61, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 61, 62);  
box-shadow:4px 4px 4px 4px rgb(63, 61, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.7762, -0.4994, 1.0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 61, 62) }
```

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

```
.background{ background-color: rgb(63, 61,  
62) }
```

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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