

Converting Colors

HunterLab(21.0623, -6.8395,
13.6402)

Have a look what the booklet for
HunterLab(21.0623, -6.8395,
13.6402) contains.

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Color

**HunterLab(21.2501, -6.6036,
12.9786)**

Conversions

Conversions Part 1

Format	Color
Hex	3C3F00
RGB	60, 63, 0
RGB Percent	24%, 25%, 0%
CMY	0.7647, 0.7529, 1.0000
CMYK	0.05, 0.00, 1.00, 0.75
HSL	63°, 100%, 12%
HSV	63°, 100%, 25%
XYZ	3.6410, 4.5157, 0.6797
YIQ	54.9210, 18.4350, -20.2290

Conversions

Conversions Part 2

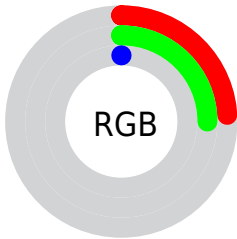
Format	Color
RYB	0, 63, 3
Decimal	3948288
CIELab	25.31, -9.50, 33.91
CIELCh	25, 35.218, 105.652
Yxy	4.5159, 0.4120, 0.5110
Android (android.graphics.Color)	4282138368 (0xFF3C3F00)
YUV	54.9210, -27.0761, 4.4543
Hunter-Lab	21.2501, -6.6036, 12.9786

Details

The HunterLab color **21.2501, -6.6036, 12.9786** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **6.1509, 16.3665, -41.2558**, and the grayscale version is **19.6041, -1.0460, 1.0651**.

A 20% lighter version of the original color is **38.3148, -8.6307, 19.1312**, and **7.7851, -5.6106, 4.6989** is the 20% darker color. If you saturate the color by 10%, you get **21.2506, -6.6044, 12.9789**, and if you desaturate by 10%, it is **21.3051, -6.3363, 12.5135**.

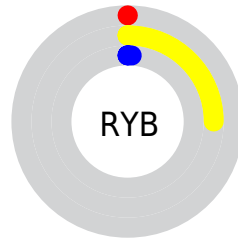
Distribution



Red (24%)

Green (25%)

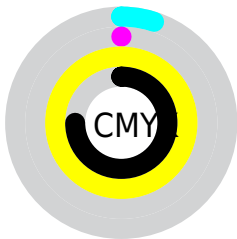
Blue (0%)



Red (0%)

Yellow (25%)

Blue (1%)

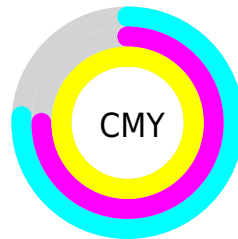


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (76%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2501, -6.6036, 12.9786 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 21.2501, -6.6036, 12.9786 by changing the saturation by 10% instead.

■ 21.2501, -6.6036,
12.9786

■ 21.2501, -6.6036,
12.9786

■ 120.4348,
-16.5513, 36.5216

■ 14.0218, -5.4283,
9.8153

■ 38.4232, -8.8340,
19.1249

■ 7.6660, -5.8103,
5.3662

■ 48.1975, -9.9257,
21.9216

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.6836, -11.0145,
24.5729

0.0000, NaN, NaN

■ 69.8360, -12.1057,
27.1107

0.0000, NaN, NaN

■ 81.6171, -13.2029,
29.5586

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.9951, -14.3085,


31.9345


0.0000, NaN, NaN


 106.9423,
-15.4242, 34.2520


 21.2501, -6.6036,
12.9786

 21.2501, -6.6036,
12.9786


 21.2506, -6.6044,
12.9789

 21.3051, -6.3363,
12.5135

 21.3605, -6.0635,
12.0361

 21.4263, -5.7331,
11.4096

 21.5053, -5.3285,
10.5908

 21.5984, -4.8460,
9.5693

■ 21.7062, -4.2826,
8.3369

■ 21.8295, -3.6362,
6.8879

■ 21.9686, -2.9054,
5.2182

■ 22.1239, -2.0898,
3.3259

Harmonies

Analogous

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



21.2506, 4.4305, 13.0192



21.2501, -6.6036, 12.9786



21.2506, -14.3717, 11.0318

Triad

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



21.2506, -6.6043, 12.9787



21.2506, -14.1170, -19.1490



21.2506, 23.8163, -4.5296

Complementary

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



21.2501, -6.6036, 12.9786



6.1509, 16.3665, -41.2558

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.



21.2506, 16.4294, -18.5524



21.2501, -6.6036, 12.9786



21.2506, -6.1809, -29.5128

Square

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



21.2506, -6.6043, 12.9787



21.2506, -18.0607, -5.0989



21.2506, 4.9503, -29.2510



21.2506, 23.6375, 5.9474

Rectangle

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



21.2501, -6.6036, 12.9786



21.2506, -17.3244, 7.9527



21.2506, 4.9503, -29.2510



21.2506, 22.0787, -9.0601

Sweetspot

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



21.2506, -6.6043, 12.9787



28.2762, -4.8289, 9.1896



10.4998, 16.8644, 6.7648



14.4924, -2.5421, 4.8605



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.



21.2506, -6.6043, 12.9787



27.5354, -8.6076, 16.8165



19.5508, -13.2535, 11.8149



11.5055, -1.0130, 1.5582



31.9908, -10.0286, 19.5370



81.2729, -25.7685, 49.6289

Inverse Universe

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



6.1509, 16.3665, -41.2558



7.9260, 21.1827, -53.8635



8.3205, 18.5610, -28.0599



10.7152, -0.1465, -0.4208



9.1840, 24.5958, -62.8075



23.0958, 62.3517, -161.8141

Previews

White Background



This preview shows how the HunterLab color 21.2501, -6.6036, 12.9786 looks on a white background.

Color Contrast Check

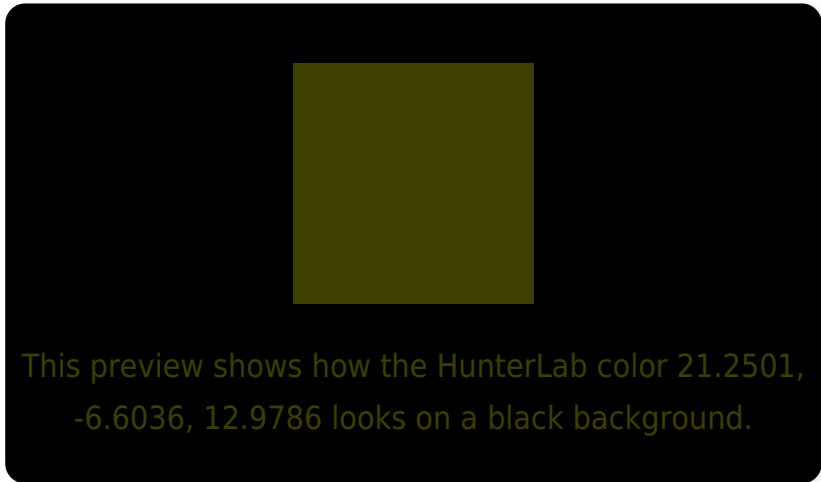
Large Text (above 18pt) WCAG AA ✓ Pass

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

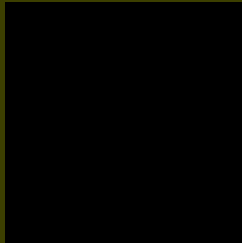
Any Text WCAG AA × Fail

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 21.2501, -6.6036, 12.9786 Background



This preview shows how black text looks on a background with the HunterLab color 21.2501, -6.6036, 12.9786.

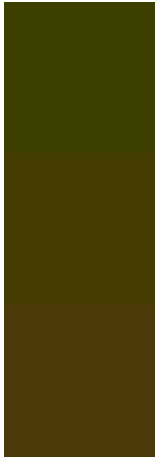


This preview shows how white text looks on a background with the HunterLab color 21.2501, -6.6036,

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

21.2501, -6.6036, 12.9786

Protanopia

21.1203, -3.1562, 12.9590

Deuteranopia

21.1770, 0.8570, 12.2602



Tritanopia

21.3935, 0.7381, 0.1626

Trichromacy



Original Color

21.2501, -6.6036, 12.9786

Protanomaly

21.1218, -4.4377, 12.9375

Deuteranomaly

21.0788, -1.9767, 12.4694

Tritanomaly

21.0753, -2.5902, 7.2936

Monochromacy



Original Color

21.2501, -6.6036, 12.9786

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

20.0432, -3.8720, 7.5791

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2501, -6.6036, 12.9786 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, 63, 0)` looks like.

```
.text, #text, p{  
    color:rgb(60, 63, 0)  
}
```

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, 63, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 63, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2501, -6.6036, 12.9786 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, 63, 0) }
```


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

```
.border{ border-color:rgb(60, 63, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 63, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 63, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(60, 63, 0); box-shadow:4px  
4px 4px 4px rgb(60, 63, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.2501, -6.6036, 12.9786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 63, 0) }
```

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

```
.background{ background-color: rgb(60, 63,  
0) }
```

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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