

Converting Colors

HunterLab(12.5366, -3.5241,
8.7756)

Have a look what the booklet for
HunterLab(12.5366, -3.5241, 8.7756)
contains.

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Color

**HunterLab(12.5584, -3.0932,
7.6843)**

Conversions

Conversions Part 1

Format	Color
Hex	242300
RGB	36, 35, 0
RGB Percent	14%, 14%, 0%
CMY	0.8588, 0.8627, 1.0000
CMYK	0.00, 0.03, 1.00, 0.86
HSL	58°, 100%, 7%
HSV	58°, 100%, 14%
XYZ	1.3286, 1.5771, 0.2344
YIQ	31.3090, 11.8310, -10.6730

Conversions

Conversions Part 2

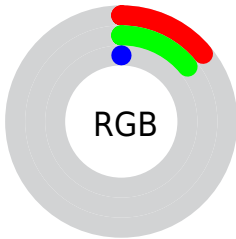
Format	Color
R_{YB}	1, 36, 0
Decimal	2368256
CIE Lab	13.09, -4.95, 19.22
CIE LCh	13, 19.843, 104.431
Yxy	1.5772, 0.4231, 0.5023
Android (android.graphics.Color)	4280558336 (0xFF242300)
YUV	31.3090, -15.4353, 4.1140
Hunter-Lab	12.5584, -3.0932, 7.6843

Details

The HunterLab color **12.5584, -3.0932, 7.6843** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **3.8609, 8.4672, -23.1037**, and the grayscale version is **11.8464, -0.6321, 0.6436**.

A 20% lighter version of the original color is **27.4709, -4.5234, 11.0440**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.5587, -3.0937, 7.6844**, and if you desaturate by 10%, it is **12.6134, -2.9506, 7.2347**.

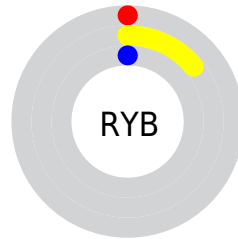
Distribution



Red (14%)

Green (14%)

Blue (0%)



Red (0%)

Yellow (14%)

Blue (0%)

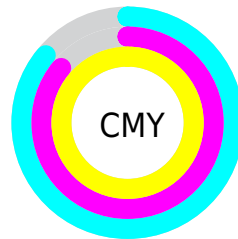


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (86%)



Cyan (86%)

Magenta (86%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5584, -3.0932, 7.6843 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 12.5584, -3.0932, 7.6843 by changing the saturation by 10% instead.

■ 12.5584, -3.0932,
7.6843

■ 12.5584, -3.0932,
7.6843

■ 104.0231,
-10.6078, 22.8079

■ 5.8495, -3.9964,
4.0946

■ 27.5304, -4.6694,
11.0638

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.3573, -5.4656,
12.9130

0.0000, NaN, NaN

■ 45.9666, -6.2761,
14.6714

0.0000, NaN, NaN

■ 56.2991, -7.1038,
16.3666

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 67.3072, -7.9501,
18.0168


0.0000, NaN, NaN


■ 78.9519, -8.8160,


0.0000, NaN, NaN


19.6348


 91.2000, -9.7018,
21.2295


 12.5584, -3.0932,
7.6843


 12.5584, -3.0932,
7.6843


 12.5587, -3.0937,
7.6844

 12.6134, -2.9506,
7.2347

 12.6680, -2.8089,
6.7890

 12.7225, -2.6678,
6.3454

 12.7814, -2.5022,
5.8381

 12.8471, -2.2996,
5.2349

■ 12.9196, -2.0592,
4.5335

■ 12.9993, -1.7802,
3.7322

■ 13.0862, -1.4622,
2.8300

■ 13.1805, -1.1050,
1.8263

Harmonies

Analogous

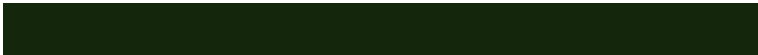
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.5587, 2.1611, 7.6507



12.5584, -3.0932, 7.6843



12.5587, -6.9967, 6.0185

Triad

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



12.5587, -3.0937, 7.6844



12.5587, -7.1086, -8.0907



12.5587, 10.6346, -2.1830

Complementary

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



12.5584, -3.0932, 7.6843



3.8609, 8.4672, -23.1037

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.



12.5587, 7.2242, -8.3119



12.5584, -3.0932, 7.6843



12.5587, -3.2720, -12.5675

Square

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



12.5587, -3.0937, 7.6844



12.5587, -9.0425, -1.9588



12.5587, 1.9510, -12.6620



12.5587, 10.7037, 2.8531

Rectangle

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



12.5584, -3.0932, 7.6843



12.5587, -8.5551, 4.1679



12.5587, 1.9510, -12.6620



12.5587, 9.8188, -4.2190

Sweetspot

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



12.5587, -3.0937, 7.6844



16.1247, -2.2817, 4.8373



6.1458, 10.5672, 3.6394



9.0385, -1.2603, 2.6587



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12.5587, -3.0937, 7.6844



15.5787, -3.8147, 9.5327



11.8415, -7.1054, 7.1722



7.6872, -0.5942, 0.9259



27.2335, -6.5929, 16.6657



75.1157, -17.9832, 45.9711

Inverse Universe

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



3.8609, 8.4672, -23.1037



4.7340, 10.7567, -29.1378



4.9469, 11.0459, -16.7623



7.2657, -0.1916, -0.1438



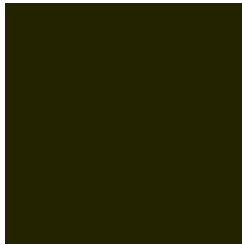
8.0762, 19.7349, -52.6966



21.7585, 56.9541, -150.1437

Previews

White Background



This preview shows how the HunterLab color 12.5584, -3.0932, 7.6843 looks on a white background.

Color Contrast Check

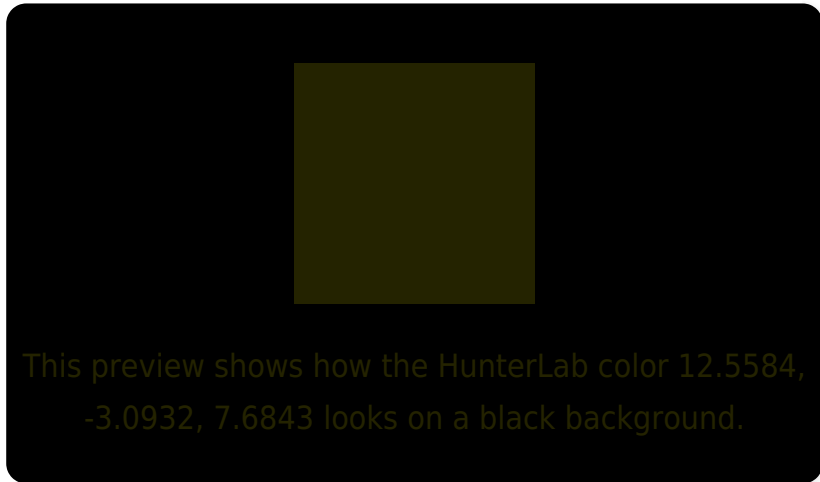
Large Text (above 18pt) WCAG AA ✓ Pass

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

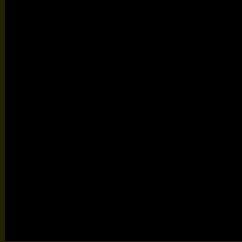
Any Text WCAG AA × Fail

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 12.5584, -3.0932, 7.6843 Background



This preview shows how black text looks on a background with the HunterLab color 12.5584, -3.0932, 7.6843.

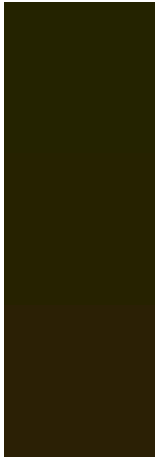


This preview shows how white text looks on a background with the HunterLab color 12.5584, -3.0932,

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

12.5584, -3.0932, 7.6843

Protanopia

12.4745, -2.2073, 7.6481

Deuteranopia

12.4803, 0.1879, 7.0115



Tritanopia

12.7324, 0.8021, 0.4551

Trichromacy



Original Color

12.5584, -3.0932, 7.6843

Protanomaly

12.3991, -2.4797, 7.5968

Deuteranomaly

12.4314, -1.1449, 7.2293

Tritanomaly

12.6305, -1.1903, 4.1989

Monochromacy



Original Color

12.5584, -3.0932, 7.6843

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.8611, -1.6449, 3.9717

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5584, -3.0932, 7.6843 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(36, 35, 0)` looks like.

```
.text, #text, p{  
    color:rgb(36, 35, 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(36, 35, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 35, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5584, -3.0932, 7.6843 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(36, 35, 0) }
```


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

```
.border{ border-color:rgb(36, 35, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 35, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 35, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(36, 35, 0); box-shadow:4px  
4px 4px 4px rgb(36, 35, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.5584, -3.0932, 7.6843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 35, 0) }
```

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

```
.background{ background-color: rgb(36, 35,  
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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