

Converting Colors

HunterLab(12.5565, 4.1094,
-8.5452)

Have a look what the booklet for
HunterLab(12.5565, 4.1094, -8.5452)
contains.

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Color

**HunterLab(12.4588, 4.3195,
-8.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	231E36
RGB	35, 30, 54
RGB Percent	14%, 12%, 21%
CMY	0.8627, 0.8823, 0.7882
CMYK	0.35, 0.44, 0.00, 0.79
HSL	253°, 29%, 16%
HSV	253°, 44%, 21%
XYZ	1.8233, 1.5522, 3.6935
YIQ	34.2310, -4.7240, 8.5240

Conversions

Conversions Part 2

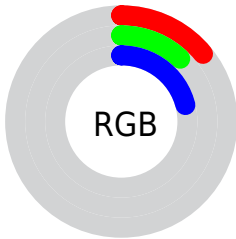
Format	Color
R_{YB}	35, 30, 54
Decimal	2301494
CIE _{Lab}	12.94, 9.12, -14.85
CIE _{LCh}	13, 17.429, 301.555
Yxy	1.5523, 0.2579, 0.2196
Android (android.graphics.Color)	4280491574 (0xFF231E36)
YUV	34.2310, 9.7461, 0.6744
Hunter-Lab	12.4588, 4.3195, -8.8560

Details

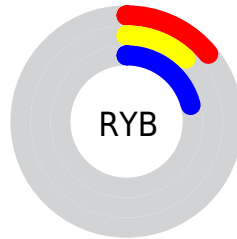
The HunterLab color **12.4588, 4.3195, -8.8560** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.3986, -4.8367, 7.2940**, and the grayscale version is **12.6922, -0.6772, 0.6896**.

A 20% lighter version of the original color is **27.4638, 4.6230, -9.5754**, and **1.2386, 3.3596, -8.8005** is the 20% darker color. If you saturate the color by 10%, you get **11.0983, 5.6983, -11.7063**, and if you desaturate by 10%, it is **13.8884, 3.0189, -6.2884**.

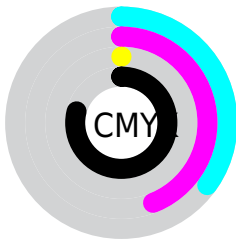
Distribution



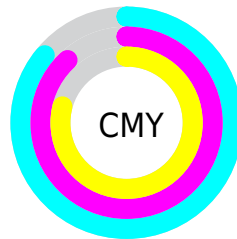
- Red (14%)
- Green (12%)
- Blue (21%)



- Red (14%)
- Yellow (12%)
- Blue (21%)



- Cyan (35%)
- Magenta (44%)
- Yellow (0%)
- Black (79%)



- Cyan (86%)
- Magenta (88%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4588, 4.3195, -8.8560 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 12.4588, 4.3195, -8.8560 by changing the saturation by 10% instead.

■ 12.4588, 4.3195,
-8.8560

■ 12.4588, 4.3195,
-8.8560

■ 103.8213, 4.0249,
-9.9921

■ 5.7018, 6.6662,
-11.1781

■ 27.4008, 4.8318,
-9.5908

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.2152, 4.9245,
-9.8516

0.0000, NaN, NaN

■ 45.8129, 4.9328,
-10.0366

0.0000, NaN, NaN

■ 56.1346, 4.8683,
-10.1504

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.1327, 4.7394,
-10.1981

0.0000, NaN, NaN

■ 78.7678, 4.5526,

0.0000, NaN, NaN

-10.1848

91.0068, 4.3130,
-10.1149

12.4588, 4.3195,
-8.8560

12.4588, 4.3195,
-8.8560

11.0983, 5.6983,
-11.7063

13.8884, 3.0189,
-6.2884

9.8210, 7.1640,
-14.8927

15.3755, 1.7848,
-3.9526

8.6468, 8.7115,
-18.4503

16.9122, 0.6049,
-1.8035

7.5918, 10.3359,
-22.3974

18.4922, -0.5315,
0.1956

6.4953, 12.6464,
-27.6341

20.1105, -1.6333,
2.0740

■ 5.8242, 14.5471,
-31.6850

■ 21.7633, -2.7078,
3.8551

■ 23.4475, -3.7608,
5.5573

■ 25.1604, -4.7972,
7.1955

■ 26.8999, -5.8207,
8.7813

Harmonies

Analogous

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



12.4590, -0.4240, -11.0337



12.4588, 4.3195, -8.8560



12.4590, 8.1229, -4.0421

Triad

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



12.4590, 4.3194, -8.8557



12.4590, 3.8425, 6.3993



12.4590, -8.3439, 0.4472

Complementary

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



12.4588, 4.3195, -8.8560



18.3986, -4.8367, 7.2940

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.



12.4590, -7.5390, 4.0623



12.4588, 4.3195, -8.8560



12.4590, -0.9051, 7.0973

Square

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



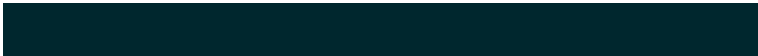
12.4590, 4.3194, -8.8557



12.4590, 7.8206, 4.3352



12.4590, -4.9720, 6.2419



12.4590, -7.3531, -4.5890

Rectangle

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



12.4588, 4.3195, -8.8560



12.4590, 9.3674, -0.6243



12.4590, -4.9720, 6.2419



12.4590, -8.2751, 1.8537

Sweetspot

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



12.4590, 4.3194, -8.8557



22.3828, 0.6804, -2.1655



16.6006, -4.2338, -2.3099



11.6085, 0.4175, -1.2421



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



12.4590, 4.3194, -8.8557



14.3513, 7.7447, -15.9281



13.3960, 7.1143, -7.0677



10.0361, -0.0487, -0.3254



9.5338, 24.3949, -56.3816



23.8830, 62.3806, -151.0792

Inverse Universe

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



13.9091, 8.2560, -3.6711



16.8475, 13.9473, -6.1912



17.6894, -7.5083, 6.6516



10.1719, 0.3866, 0.0647



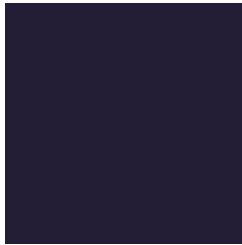
16.5582, 31.2355, -11.6180



42.5998, 80.0914, -27.8045

Previews

White Background



This preview shows how the HunterLab color 12.4588, 4.3195, -8.8560 looks on a white background.

Color Contrast Check

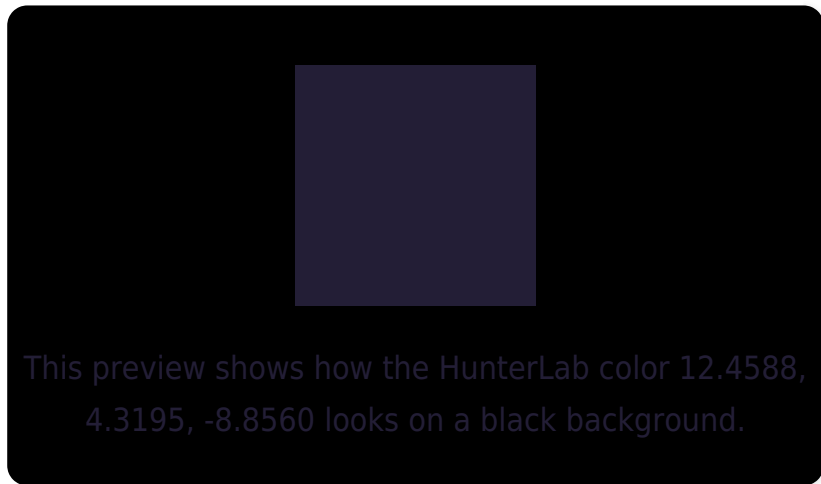
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.4588, 4.3195, -8.8560 Background



This preview shows how black text looks on a background with the HunterLab color 12.4588, 4.3195, -8.8560.



This preview shows how white text looks on a background with the HunterLab color 12.4588, 4.3195, -8.8560.

-8.8560.

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

12.4588, 4.3195, -8.8560

Protanopia

12.5591, 1.6015, -10.5071

Deuteranopia

12.5827, 0.2237, -8.1135



Tritanopia

12.5257, -0.9568, -0.5833

Trichromacy



Original Color

12.4588, 4.3195, -8.8560

Protanomaly

12.5117, 2.4893, -9.9763

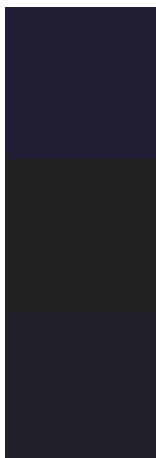
Deuteranomaly

12.5609, 1.3021, -8.1356

Tritanomaly

12.5268, 0.5290, -3.0892

Monochromacy



Original Color

12.4588, 4.3195, -8.8560

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.6011, 0.6662, -2.0941

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4588, 4.3195, -8.8560 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(35, 30, 54)` looks like.

```
.text, #text, p{  
  color:rgb(35, 30, 54)  
}
```

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(35, 30, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 30, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4588, 4.3195, -8.8560 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(35, 30, 54) }
```


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

```
.border{ border-color:rgb(35, 30, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 30, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 30, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 30, 54);  
box-shadow:4px 4px 4px 4px rgb(35, 30, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.4588, 4.3195, -8.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 30, 54) }
```

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

```
.background{ background-color: rgb(35, 30,  
54) }
```

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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