

Converting Colors

HunterLab(12.9757, 12.4385,
-6.7057)

Have a look what the booklet for
HunterLab(12.9757, 12.4385,
-6.7057) contains.

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Color

**HunterLab(12.8938, 12.5664,
-6.7740)**

Conversions

Conversions Part 1

Format	Color
Hex	381634
RGB	56, 22, 52
RGB Percent	22%, 9%, 20%
CMY	0.7804, 0.9137, 0.7961
CMYK	0.00, 0.61, 0.07, 0.78
HSL	307°, 44%, 15%
HSV	307°, 61%, 22%
XYZ	2.5376, 1.6625, 3.4360
YIQ	35.5860, 10.6340, 16.5380

Conversions

Conversions Part 2

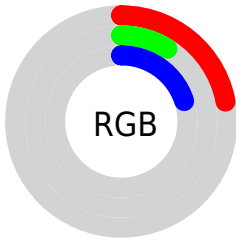
Format	Color
R_{YB}	56, 22, 52
Decimal	3675700
CIE _{Lab}	13.61, 21.83, -12.16
CIE _{LCh}	14, 24.984, 330.886
Yxy	1.6626, 0.3323, 0.2177
Android (android.graphics.Color)	4281865780 (0xFF381634)
YUV	35.5860, 8.0921, 17.9031
Hunter-Lab	12.8938, 12.5664, -6.7740

Details

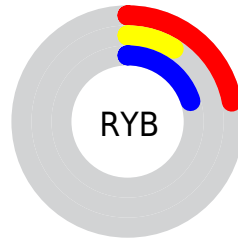
The HunterLab color **12.8938, 12.5664, -6.7740** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **17.5316, -11.0137, 7.3046**, and the grayscale version is **13.1235, -0.7002, 0.7130**.

A 20% lighter version of the original color is **28.0325, 14.4167, -7.4409**, and **0.8108, 2.1994, -5.7613** is the 20% darker color. If you saturate the color by 10%, you get **12.1053, 14.6075, -7.8188**, and if you desaturate by 10%, it is **13.8073, 10.3750, -5.5976**.

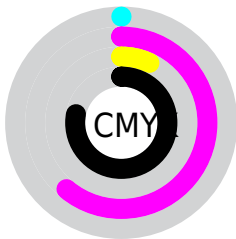
Distribution



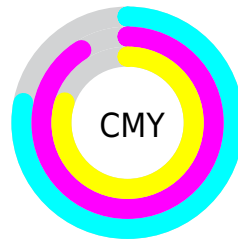
- Red (22%)
- Green (9%)
- Blue (20%)



- Red (22%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (61%)
- Yellow (7%)
- Black (78%)



- Cyan (78%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8938, 12.5664, -6.7740 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 12.8938, 12.5664, -6.7740 by changing the saturation by 10% instead.

■ 12.8938, 12.5664,
-6.7740

■ 12.8938, 12.5664,
-6.7740

■ 104.6995, 17.9385,
-6.9722

■ 6.3186, 14.7712,
-7.9756

■ 27.9653, 14.5701,
-7.3214

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.8343, 15.3515,
-7.4705

0.0000, NaN, NaN

■ 46.4822, 16.0115,
-7.5430

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.8506, 16.5658,
-7.5460

0.0000, NaN, NaN

■ 67.8924, 17.0266,
-7.4856

0.0000, NaN, NaN

■ 79.5690, 17.4039,

0.0000, NaN, NaN

-7.3670

91.8474, 17.7057,
-7.1946

12.8938, 12.5664,
-6.7740

12.8938, 12.5664,
-6.7740

12.1053, 14.6075,
-7.8188

13.8073, 10.3750,
-5.5976

11.4534, 16.4077,
-8.6789

14.8313, 8.1090,
-4.3375

10.8820, 18.0870,
-9.4338

15.9529, 5.8207,
-3.0284

10.3247, 19.8630,
-10.2391

17.1597, 3.5439,
-1.6951

18.4412, 1.2985,
-0.3539

■ 19.7882, -0.9059,
0.9854

■ 21.1929, -3.0658,
2.3173

■ 22.6488, -5.1818,
3.6390

■ 24.1504, -7.2564,
4.9497

Harmonies

Analogous

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



12.8941, 6.5919, -14.8101



12.8938, 12.5664, -6.7740



12.8941, 14.8372, 0.8894

Triad

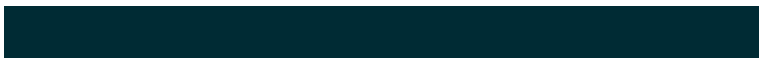
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.8941, 12.5658, -6.7736



12.8941, -0.8867, 9.0259



12.8941, -9.9663, -7.2806

Complementary

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



12.8938, 12.5664, -6.7740



17.5316, -11.0137, 7.3046

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.



12.8941, -11.1870, 0.5115



12.8938, 12.5664, -6.7740



12.8941, -6.6436, 8.3770

Square

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



12.8941, 12.5658, -6.7736



12.8941, 6.1772, 8.5012



12.8941, -10.1033, 5.3921



12.8941, -6.3636, -15.1931

Rectangle

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



12.8938, 12.5664, -6.7740



12.8941, 13.6452, 4.3431



12.8941, -10.1033, 5.3921



12.8941, -10.6311, -4.4600

Sweetspot

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



12.8941, 12.5658, -6.7736



22.8601, 4.1276, -1.9134



10.3856, 6.3334, -14.8489



12.1337, 2.4026, -1.1386



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



12.8941, 12.5658, -6.7736



15.3801, 20.6800, -10.9963



12.3943, 10.3067, 0.1984



10.1778, 0.4184, -0.0192



16.9088, 32.4702, -16.3080



43.5651, 83.4953, -40.7535

Inverse Universe

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



12.8941, 12.5658, -6.7736



15.3801, 20.6800, -10.9963



17.8133, -9.3230, 3.2166



10.1778, 0.4184, -0.0192



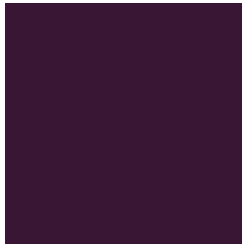
16.9088, 32.4702, -16.3080



43.5651, 83.4953, -40.7535

Previews

White Background



This preview shows how the HunterLab color 12.8938, 12.5664, -6.7740 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

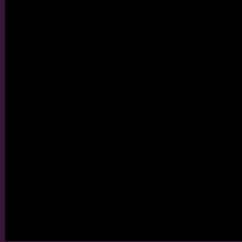
Any Text WCAG AA × Fail

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 12.8938, 12.5664, -6.7740 Background



This preview shows how black text looks on a background with the HunterLab color 12.8938, 12.5664, -6.7740.



This preview shows how white text looks on a background with the HunterLab color 12.8938, 12.5664, -6.7740.

-6.7740.

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

12.8938, 12.5664, -6.7740

Protanopia

13.2027, 1.9288, -12.9492

Deuteranopia

13.1288, 0.7065, -5.5253



Tritanopia

13.0710, 6.7721, 2.6013

Trichromacy



Original Color

12.8938, 12.5664, -6.7740

Protanomaly

12.6556, 5.3116, -11.4932

Deuteranomaly

12.7227, 4.9097, -6.6698

Tritanomaly

13.0037, 8.7440, -0.1949

Monochromacy



Original Color

12.8938, 12.5664, -6.7740

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

12.8869, 3.8229, -2.0702

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8938, 12.5664, -6.7740 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(56, 22, 52)` looks like.

```
.text, #text, p{  
    color:rgb(56, 22, 52)  
}
```

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(56, 22, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 22, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8938, 12.5664, -6.7740 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(56, 22, 52) }
```


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

```
.border{ border-color:rgb(56, 22, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 22, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 22, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 22, 52);  
box-shadow:4px 4px 4px 4px rgb(56, 22, 52)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.8938, 12.5664, -6.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 22, 52) }
```

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

```
.background{ background-color: rgb(56, 22,  
52) }
```

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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