

Converting Colors

HunterLab(12.4081, 5.1259,
-5.8933)

Have a look what the booklet for
HunterLab(12.4081, 5.1259, -5.8933)
contains.

HunterLab(12.4563, 4.9817, -6.0681)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(12.4563, 4.9817,
-6.0681)**

Conversions

Conversions Part 1

Format	Color
Hex	281D31
RGB	40, 29, 49
RGB Percent	16%, 11%, 19%
CMY	0.8431, 0.8863, 0.8078
CMYK	0.18, 0.41, 0.00, 0.81
HSL	273°, 26%, 15%
HSV	273°, 41%, 19%
XYZ	1.8688, 1.5516, 3.1067
YIQ	34.5690, 0.1360, 8.5520

Conversions

Conversions Part 2

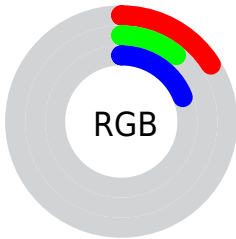
Format	Color
R_{YB}	40, 29, 49
Decimal	2628913
CIE Lab	12.93, 10.24, -11.23
CIE LCh	13, 15.200, 312.366
Yxy	1.5517, 0.2863, 0.2377
Android (android.graphics.Color)	4280818993 (0xFF281D31)
YUV	34.5690, 7.1145, 4.7630
Hunter-Lab	12.4563, 4.9817, -6.0681

Details

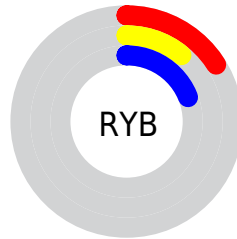
The HunterLab color **12.4563, 4.9817, -6.0681** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.4239, -5.7068, 5.8240**, and the grayscale version is **12.8061, -0.6833, 0.6958**.

A 20% lighter version of the original color is **27.4274, 5.3322, -6.4097**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.3463, 6.4936, -8.0788**, and if you desaturate by 10%, it is **13.6262, 3.4913, -4.1859**.

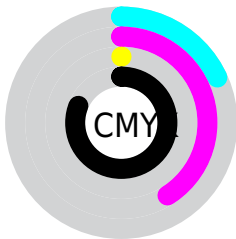
Distribution



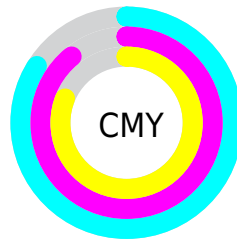
- Red (16%)
- Green (11%)
- Blue (19%)



- Red (16%)
- Yellow (11%)
- Blue (19%)



- Cyan (18%)
- Magenta (41%)
- Yellow (0%)
- Black (81%)



- Cyan (84%)
- Magenta (89%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4563, 4.9817, -6.0681 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 12.4563, 4.9817, -6.0681 by changing the saturation by 10% instead.

■ 12.4563, 4.9817,
-6.0681

■ 12.4563, 4.9817,
-6.0681

■ 103.8162, 5.2252,
-5.9749

■ 5.6980, 7.5288,
-7.9713

■ 27.3976, 5.6429,
-6.5539

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.2116, 5.8015,
-6.6687

0.0000, NaN, NaN

■ 45.8091, 5.8713,
-6.7070

0.0000, NaN, NaN

■ 56.1305, 5.8646,
-6.6762

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.1283, 5.7904,
-6.5827

0.0000, NaN, NaN

■ 78.7632, 5.6556,

0.0000, NaN, NaN

-6.4318

91.0020, 5.4657,
-6.2280

12.4563, 4.9817,
-6.0681

12.4563, 4.9817,
-6.0681

11.3463, 6.4936,
-8.0788

13.6262, 3.4913,
-4.1859

10.3057, 8.0153,
-10.2266

14.8471, 2.0278,
-2.4195

9.3473, 9.5200,
-12.5049

16.1126, 0.5910,
-0.7535

8.4849, 10.9628,
-14.8842

17.4175, -0.8211,
0.8268

7.6178, 12.6603,
-17.7001

18.7573, -2.2115,
2.3346

■ 6.7385, 14.8307,
-21.1548

■ 20.1287, -3.5834,
3.7814

■ 21.5286, -4.9398,
5.1769

■ 22.9547, -6.2837,
6.5293

■ 24.4050, -7.6174,
7.8456

Harmonies

Analogous

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



12.4566, 1.0332, -8.8516



12.4563, 4.9817, -6.0681



12.4566, 7.5877, -1.7607

Triad

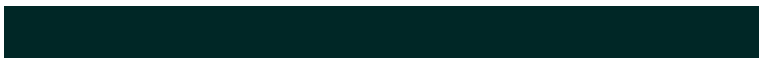
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.4566, 4.9814, -6.0678



12.4566, 1.7631, 6.1200



12.4566, -7.3506, -1.0012

Complementary

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



12.4563, 4.9817, -6.0681



16.4239, -5.7068, 5.8240

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.



12.4566, -7.2075, 2.7056



12.4563, 4.9817, -6.0681



12.4566, -2.2774, 6.2403

Square

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



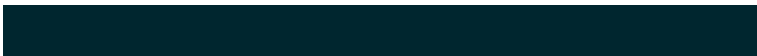
12.4566, 4.9814, -6.0678



12.4566, 5.5738, 4.7081



12.4566, -5.4567, 5.0367



12.4566, -5.8761, -5.3623

Rectangle

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



12.4563, 4.9817, -6.0681



12.4566, 8.0341, 0.9778



12.4566, -5.4567, 5.0367



12.4566, -7.4842, 0.3707

Sweetspot

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



12.4566, 4.9814, -6.0678



20.4344, 1.0979, -1.3548



13.7501, -1.1507, -4.0769



11.2150, 0.6028, -0.7439



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



12.4566, 4.9814, -6.0678



14.4862, 8.5230, -10.6245



13.2209, 7.1934, -4.4301



9.3899, 0.1334, -0.1990



11.7499, 26.2962, -40.2683



29.8891, 67.9032, -110.2746

Inverse Universe

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



12.9294, 5.7565, -0.3413



15.3109, 9.7314, -0.6338



15.9685, -7.4308, 5.2312



9.4353, 0.2240, 0.3542



15.1346, 26.9380, 1.8759



39.4799, 69.8221, 8.3669

Previews

White Background



This preview shows how the HunterLab color 12.4563, 4.9817, -6.0681 looks on a white background.

Color Contrast Check

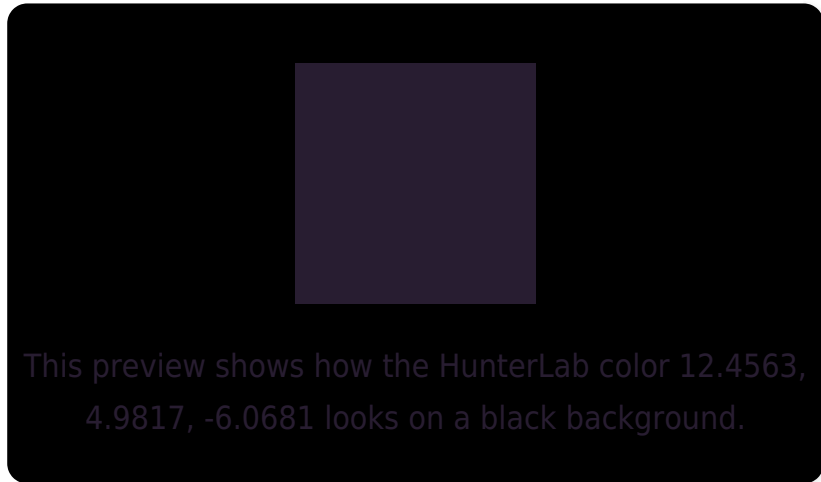
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.4563, 4.9817, -6.0681 Background



This preview shows how black text looks on a background with the HunterLab color 12.4563, 4.9817, -6.0681.



This preview shows how white text looks on a background with the HunterLab color 12.4563, 4.9817, -6.0681.

-6.0681.

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

12.4563, 4.9817, -6.0681

Protanopia

12.5246, 1.1086, -7.6425

Deuteranopia

12.4418, 0.5539, -5.6492



Tritanopia

12.5158, 1.1907, 0.2003

Trichromacy



Original Color

12.4563, 4.9817, -6.0681

Protanomaly

12.5663, 2.2950, -6.9937

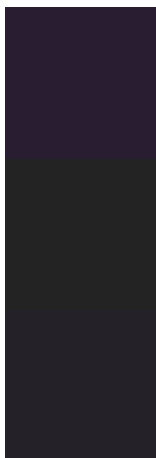
Deuteranomaly

12.4639, 1.7563, -5.5908

Tritanomaly

12.5080, 2.5096, -1.7644

Monochromacy



Original Color

12.4563, 4.9817, -6.0681

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.7837, 1.2235, -1.4119

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4563, 4.9817, -6.0681 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(40, 29, 49)` looks like.

```
.text, #text, p{  
    color:rgb(40, 29, 49)  
}
```

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(40, 29, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 29, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4563, 4.9817, -6.0681 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(40, 29, 49) }
```


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

```
.border{ border-color:rgb(40, 29, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 29, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 29, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 29, 49);  
box-shadow:4px 4px 4px 4px rgb(40, 29, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.4563, 4.9817, -6.0681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 29, 49) }
```

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

```
.background{ background-color: rgb(40, 29,  
49) }
```

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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