

Converting Colors

HunterLab(12.6976, 18.7377,
-5.4360)

Have a look what the booklet for
HunterLab(12.6976, 18.7377,
-5.4360) contains.

HunterLab(12.7254, 18.7013, -5.3697)	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(12.7254, 18.7013,
-5.3697)**

Conversions

Conversions Part 1

Format	Color
Hex	420B31
RGB	66, 11, 49
RGB Percent	26%, 4%, 19%
CMY	0.7412, 0.9568, 0.8078
CMYK	0.00, 0.83, 0.26, 0.74
HSL	319°, 71%, 15%
HSV	319°, 83%, 26%
XYZ	2.9208, 1.6194, 3.0644
YIQ	31.7770, 20.5820, 23.4780

Conversions

Conversions Part 2

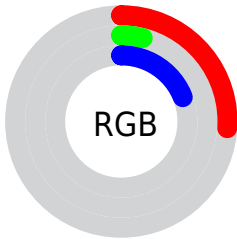
Format	Color
R_{YB}	66, 11, 49
Decimal	4328241
CIE _{Lab}	13.35, 30.11, -10.24
CIE _{LCh}	13, 31.805, 341.227
Yxy	1.6194, 0.3841, 0.2130
Android (android.graphics.Color)	4282518321 (0xFF420B31)
YUV	31.7770, 8.4909, 30.0136
Hunter-Lab	12.7254, 18.7013, -5.3697

Details

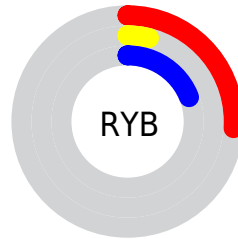
The HunterLab color **12.7254, 18.7013, -5.3697** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **20.1283, -14.8640, 8.9061**, and the grayscale version is **11.9187, -0.6360, 0.6476**.

A 20% lighter version of the original color is **27.6896, 21.3710, -5.7457**, and **1.6066, 2.7514, 1.0382** is the 20% darker color. If you saturate the color by 10%, you get **12.0780, 20.3464, -5.3825**, and if you desaturate by 10%, it is **13.4815, 16.8588, -5.1922**.

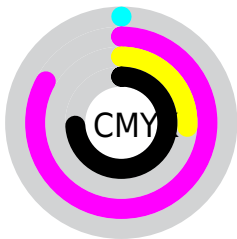
Distribution



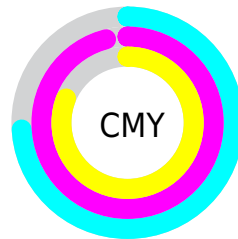
- Red (26%)
- Green (4%)
- Blue (19%)



- Red (26%)
- Yellow (4%)
- Blue (19%)



- Cyan (0%)
- Magenta (83%)
- Yellow (26%)
- Black (74%)



- Cyan (74%)
- Magenta (96%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7254, 18.7013, -5.3697 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 12.7254, 18.7013, -5.3697 by changing the saturation by 10% instead.

■ 12.7254, 18.7013,
-5.3697

■ 12.7254, 18.7013,
-5.3697

■ 104.3605, 27.3744,
-4.8814

■ 6.0881, 21.9508,
-6.7197

■ 27.7472, 21.4755,
-5.7633

0.0000, INF, NaN

0.0000, NaN, NaN

■ 36.5951, 22.6536,
-5.8304

0.0000, NaN, NaN

■ 46.2237, 23.7002,
-5.8223

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.5741, 24.6285,
-5.7467

0.0000, NaN, NaN

■ 67.5991, 25.4505,
-5.6100

0.0000, NaN, NaN

■ 79.2597, 26.1766,

0.0000, NaN, NaN

-5.4174

91.5229, 26.8154,
-5.1733

12.7254, 18.7013,
-5.3697

12.7254, 18.7013,
-5.3697

12.0780, 20.3464,
-5.3825

13.4815, 16.8588,
-5.1922

11.6292, 21.5844,
-5.4242

14.4144, 14.6756,
-4.7551

15.5081, 12.2733,
-4.1058

16.7442, 9.7525,
-3.2928

18.1046, 7.1852,
-2.3582

■ 19.5728, 4.6178,
-1.3354

■ 21.1347, 2.0772,
-0.2489

■ 22.7780, -0.4232,
0.8834

■ 24.4926, -2.8784,
2.0492

Harmonies

Analogous

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



12.7257, 11.9293, -17.3344



12.7254, 18.7013, -5.3697



12.7257, 19.5566, 3.3547

Triad

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



12.7257, 18.7004, -5.3692



12.7257, -3.6976, 8.9080



12.7257, -10.7600, -14.3300

Complementary

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



12.7254, 18.7013, -5.3697



20.1283, -14.8640, 8.9061

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.



12.7257, -13.2513, -2.7075



12.7254, 18.7013, -5.3697



12.7257, -9.7320, 8.9080

Square

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



12.7257, 18.7004, -5.3692



12.7257, 4.9966, 8.9080



12.7257, -12.8804, 4.7457



12.7257, -5.5079, -24.4348

Rectangle

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



12.7254, 18.7013, -5.3697



12.7257, 16.4544, 6.7825



12.7257, -12.8804, 4.7457



12.7257, -11.8819, -10.2398

Sweetspot

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



12.7257, 18.7004, -5.3692



25.2477, 7.0186, -2.1421



9.3418, 13.6219, -26.7181



12.7121, 3.8118, -1.1869



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



12.7257, 18.7004, -5.3692



15.2873, 28.3071, -6.6108



12.0649, 16.0416, 3.9843



11.6232, 0.4612, 0.1541



17.1479, 31.7258, -7.2098



42.7540, 78.7555, -15.3026

Inverse Universe

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



12.7257, 18.7004, -5.3692



15.2873, 28.3071, -6.6108



20.5997, -11.9958, 2.0801



11.6232, 0.4612, 0.1541



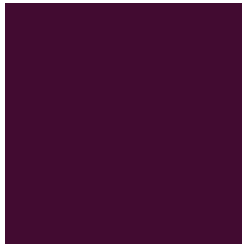
17.1479, 31.7258, -7.2098



42.7540, 78.7555, -15.3026

Previews

White Background



This preview shows how the HunterLab color 12.7254, 18.7013, -5.3697 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

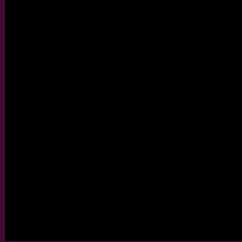
Any Text WCAG AA × Fail

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 12.7254, 18.7013, -5.3697 Background



This preview shows how black text looks on a background with the HunterLab color 12.7254, 18.7013, -5.3697.



This preview shows how white text looks on a background with the HunterLab color 12.7254, 18.7013, -5.3697.

-5.3697.

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

12.7254, 18.7013, -5.3697

Protanopia

13.5145, 2.1481, -14.9313

Deuteranopia

13.4771, 0.4826, -3.0582



Tritanopia

12.9930, 12.1183, 4.5194

Trichromacy



Original Color

12.7254, 18.7013, -5.3697

Protanomaly

12.2614, 7.2287, -12.9896

Deuteranomaly

12.5297, 7.0173, -4.8821

Tritanomaly

12.7632, 14.6019, 1.7724

Monochromacy



Original Color

12.7254, 18.7013, -5.3697

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.5268, 6.3888, -2.2174

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7254, 18.7013, -5.3697 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(66, 11, 49)` looks like.

```
.text, #text, p{  
    color:rgb(66, 11, 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(66, 11, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 11, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7254, 18.7013, -5.3697 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(66, 11, 49) }
```


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

```
.border{ border-color:rgb(66, 11, 49) }
```

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

Here you see how a box with a 4 pixel rgb(66, 11, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 11, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 11, 49);  
box-shadow:4px 4px 4px 4px rgb(66, 11, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.7254, 18.7013, -5.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 11, 49) }
```

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

```
.background{ background-color: rgb(66, 11,  
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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