

Converting Colors

HunterLab(12.7847, 5.0979,
-1.6757)

Have a look what the booklet for
HunterLab(12.7847, 5.0979, -1.6757)
contains.

HunterLab(12.7266, 5.3074, -1.8382)	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(12.7266, 5.3074,
-1.8382)**

Conversions

Conversions Part 1

Format	Color
Hex	2E1D29
RGB	46, 29, 41
RGB Percent	18%, 11%, 16%
CMY	0.8196, 0.8863, 0.8392
CMYK	0.00, 0.37, 0.11, 0.82
HSL	318°, 23%, 15%
HSV	318°, 37%, 18%
XYZ	1.9663, 1.6197, 2.3068
YIQ	35.4510, 6.2800, 7.3360

Conversions

Conversions Part 2

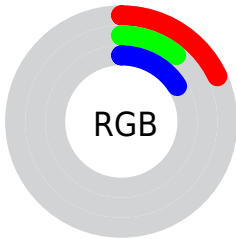
Format	Color
R_{YB}	46, 29, 41
Decimal	3022121
CIE _{Lab}	13.35, 10.75, -4.74
CIE _{LCh}	13, 11.750, 336.219
Yxy	1.6197, 0.3337, 0.2749
Android (android.graphics.Color)	4281212201 (0xFF2E1D29)
YUV	35.4510, 2.7357, 9.2515
Hunter-Lab	12.7266, 5.3074, -1.8382

Details

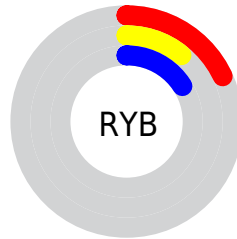
The HunterLab color **12.7266, 5.3074, -1.8382** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.2667, -5.9927, 3.4247**, and the grayscale version is **13.0980, -0.6989, 0.7116**.

A 20% lighter version of the original color is **27.7710, 5.8801, -1.5811**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.8389, 7.0050, -2.4790**, and if you desaturate by 10%, it is **13.6819, 3.6066, -1.1428**.

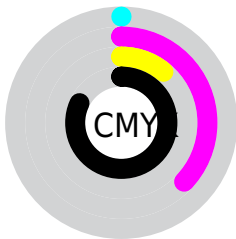
Distribution



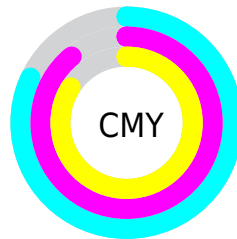
- Red (18%)
- Green (11%)
- Blue (16%)



- Red (18%)
- Yellow (11%)
- Blue (16%)



- Cyan (0%)
- Magenta (37%)
- Yellow (11%)
- Black (82%)



- Cyan (82%)
- Magenta (89%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7266, 5.3074, -1.8382 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 12.7266, 5.3074, -1.8382 by changing the saturation by 10% instead.

■ 12.7266, 5.3074,
-1.8382

■ 12.7266, 5.3074,
-1.8382

104.3628, 5.7617,
0.9189

■ 6.0898, 7.3684,
-2.8936

■ 27.7487, 6.0239,
-1.6519

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.5968, 6.2080,
-1.4440

0.0000, NaN, NaN

■ 46.2255, 6.3020,
-1.1738

0.0000, NaN, NaN

■ 56.5760, 6.3183,
-0.8480

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.6011, 6.2660,
-0.4721

0.0000, NaN, NaN

■ 79.2618, 6.1523,

0.0000, NaN, NaN

-0.0502

91.5251, 5.9827,
0.4144

12.7266, 5.3074,
-1.8382

12.7266, 5.3074,
-1.8382

11.8389, 7.0050,
-2.4790

13.6819, 3.6066,
-1.1428

11.0273, 8.6734,
-3.0467

14.6957, 1.9206,
-0.4083

10.3025, 10.2710,
-3.5166

15.7611, 0.2581,
0.3547

9.6748, 11.7414,
-3.8605

16.8720, -1.3770,
1.1387

9.0993, 13.1875,
-4.1393

18.0234, -2.9839,
1.9382

■ 8.4877, 14.9003,
-4.4996

■ 19.2109, -4.5634,
2.7495

■ 8.2928, 15.4902,
-4.6298

■ 20.4310, -6.1177,
3.5699

■ 21.6806, -7.6491,
4.3976

■ 22.9570, -9.1604,
5.2315

Harmonies

Analogous

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



12.7269, 3.0738, -4.8435



12.7266, 5.3074, -1.8382



12.7269, 5.8704, 1.2973

Triad

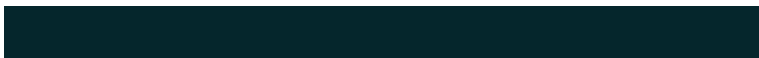
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.7269, 5.3070, -1.8379



12.7269, -1.3250, 5.2166



12.7269, -5.1789, -3.1741

Complementary

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



12.7266, 5.3074, -1.8382



15.2667, -5.9927, 3.4247

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.



12.7269, -6.1255, 0.0571



12.7266, 5.3074, -1.8382



12.7269, -4.0431, 4.4996

Square

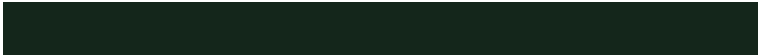
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12.7269, 5.3070, -1.8379



12.7269, 1.8383, 4.9142



12.7269, -5.7306, 2.7913



12.7269, -3.0161, -5.7361

Rectangle

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



12.7266, 5.3074, -1.8382



12.7269, 5.1798, 2.9708



12.7269, -5.7306, 2.7913



12.7269, -5.6399, -2.1040

Sweetspot

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



12.7269, 5.3070, -1.8379



19.1985, 1.2888, -0.0019



11.8871, 3.0167, -5.5146



10.6894, 0.7235, -0.0037



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



12.7269, 5.3070, -1.8379



14.9592, 8.6804, -3.0710



12.5207, 4.2667, 1.0857



8.7424, 0.2500, 0.1488



15.3326, 28.4689, -7.2343



40.7026, 75.2094, -16.3728

Inverse Universe

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



12.7269, 5.3070, -1.8379



14.9592, 8.6804, -3.0710



15.4424, -4.9770, 0.9035



8.7424, 0.2500, 0.1488



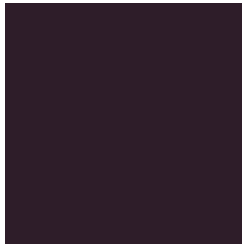
15.3326, 28.4689, -7.2343



40.7026, 75.2094, -16.3728

Previews

White Background



This preview shows how the HunterLab color 12.7266, 5.3074, -1.8382 looks on a white background.

Color Contrast Check

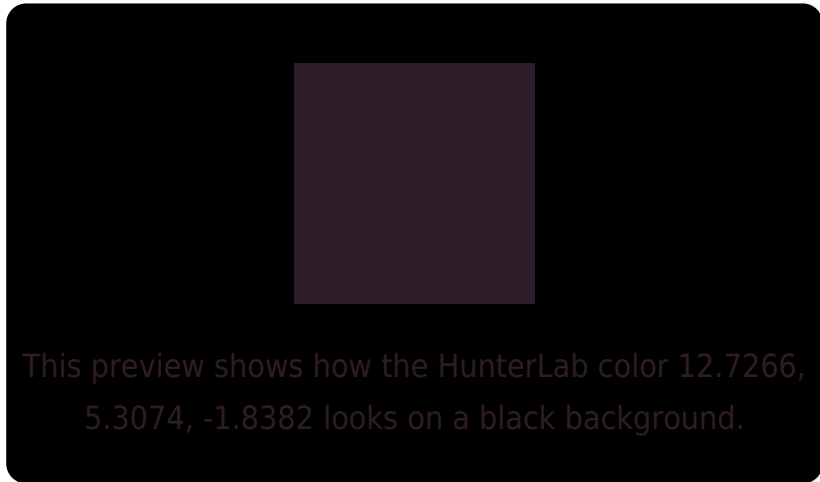
Large Text (above 18pt) WCAG AA ✓ Pass

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

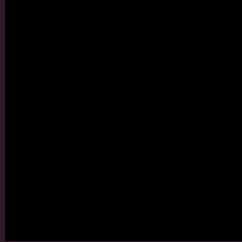
Any Text WCAG AA × Fail

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 12.7266, 5.3074, -1.8382 Background



This preview shows how black text looks on a background with the HunterLab color 12.7266, 5.3074, -1.8382.



This preview shows how white text looks on a background with the HunterLab color 12.7266, 5.3074, -1.8382.

-1.8382.

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

12.7266, 5.3074, -1.8382

Protanopia

12.8086, 0.4588, -3.5913

Deuteranopia

12.8631, 0.3612, -1.3207



Tritanopia

12.8361, 3.2169, 1.3199

Trichromacy



Original Color

12.7266, 5.3074, -1.8382

Protanomaly

12.6814, 2.2159, -3.2877

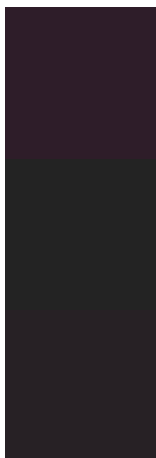
Deuteranomaly

12.7183, 2.1105, -1.4845

Tritanomaly

12.7036, 3.9727, 0.1076

Monochromacy



Original Color

12.7266, 5.3074, -1.8382

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.8554, 1.3090, -0.1280

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7266, 5.3074, -1.8382 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(46, 29, 41)` looks like.

```
.text, #text, p{  
    color:rgb(46, 29, 41)  
}
```

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(46, 29, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 29, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7266, 5.3074, -1.8382 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(46, 29, 41) }
```


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

```
.border{ border-color:rgb(46, 29, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 29, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 29, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 29, 41);  
box-shadow:4px 4px 4px 4px rgb(46, 29, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.7266, 5.3074, -1.8382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 29, 41) }
```

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

```
.background{ background-color: rgb(46, 29,  
41) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor