

Converting Colors

HunterLab(12.9873, 0.4900,
2.8340)

Have a look what the booklet for
HunterLab(12.9873, 0.4900, 2.8340)
contains.

HunterLab(13.0544, 0.5125, 2.7737)	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(13.0544, 0.5125,
2.7737)**

Conversions

Conversions Part 1

Format	Color
Hex	29221D
RGB	41, 34, 29
RGB Percent	16%, 13%, 11%
CMY	0.8392, 0.8667, 0.8863
CMYK	0.00, 0.17, 0.29, 0.84
HSL	25°, 17%, 14%
HSV	25°, 29%, 16%
XYZ	1.7082, 1.7042, 1.4013
YIQ	35.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

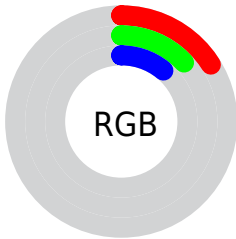
Format	Color
R_{YB}	41, 38, 29
Decimal	2695709
CIE Lab	13.85, 2.30, 4.60
CIE LCh	14, 5.142, 63.425
Yxy	1.7043, 0.3549, 0.3540
Android (android.graphics.Color)	4280885789 (0xFF29221D)
YUV	35.5230, -3.2158, 4.8033
Hunter-Lab	13.0544, 0.5125, 2.7737

Details

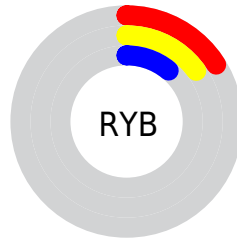
The HunterLab color **13.0544, 0.5125, 2.7737** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.9731, -1.5440, -1.6206**, and the grayscale version is **13.1393, -0.7011, 0.7139**.

A 20% lighter version of the original color is **28.0982, -0.0537, 4.3763**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.4632, 1.0320, 3.3494**, and if you desaturate by 10%, it is **13.6654, 0.0311, 2.1464**.

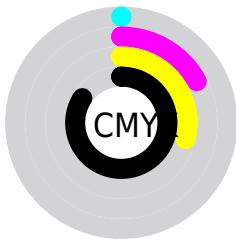
Distribution



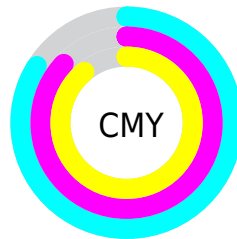
- Red (16%)
- Green (13%)
- Blue (11%)



- Red (16%)
- Yellow (15%)
- Blue (11%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (84%)



- Cyan (84%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0544, 0.5125, 2.7737 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 13.0544, 0.5125, 2.7737 by changing the saturation by 10% instead.

■ 13.0544, 0.5125,
2.7737

■ 13.0544, 0.5125,
2.7737

105.0218, -3.2183,
10.1433

■ 6.5300, 1.1864,
3.2748

■ 28.1730, 0.0469,
4.2995

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.0619, -0.2823,
5.0758

0.0000, NaN, NaN

■ 46.7281, -0.6647,
5.8690

0.0000, NaN, NaN

■ 57.1136, -1.0945,
6.6817

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1714, -1.5678,
7.5150

0.0000, NaN, NaN

■ 79.8631, -2.0812,

0.0000, NaN, NaN

8.3695

■ 92.1559, -2.6322,
9.2456

■ 13.0544, 0.5125,
2.7737

■ 13.0544, 0.5125,
2.7737

■ 12.4632, 1.0320,
3.3494

■ 13.6654, 0.0311,
2.1464

■ 11.8925, 1.5929,
3.8671

■ 14.2938, -0.4133,
1.4719

■ 11.3443, 2.1964,
4.3209

■ 14.9386, -0.8235,
0.7552

■ 10.8206, 2.8431,
4.7042

■ 15.5987, -1.2019,
0.0002

■ 10.3227, 3.5293,
5.0206

■ 16.2730, -1.5509,
-0.7896

■ 9.8449, 4.2139,
5.3792

■ 16.9605, -1.8728,
-1.6108

■ 9.3870, 4.8824,
5.8152

■ 17.6603, -2.1696,
-2.4609

■ 9.3542, 4.9306,
5.8504

■ 18.3718, -2.4433,
-3.3374

■ 19.0942, -2.6959,
-4.2382

Harmonies

Analogous

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



13.0547, 1.5937, 2.0269



13.0544, 0.5125, 2.7737



13.0547, -0.8555, 2.9890

Triad

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



13.0547, 0.5121, 2.7739



13.0547, -3.2436, 0.5588



13.0547, 0.7979, -1.5783

Complementary

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



13.0544, 0.5125, 2.7737



12.9731, -1.5440, -1.6206

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.



13.0547, -0.5383, -2.0707



13.0544, 0.5125, 2.7737



13.0547, -2.8404, -0.7588

Square

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



13.0547, 0.5121, 2.7739



13.0547, -2.9883, 1.7909



13.0547, -1.8641, -1.7564



13.0547, 1.7635, -0.4707

Rectangle

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



13.0544, 0.5125, 2.7737



13.0547, -1.7362, 2.8224



13.0547, -1.8641, -1.7564



13.0547, 0.3752, -1.8262

Sweetspot

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



13.0547, 0.5121, 2.7739



18.2655, -0.5122, 1.9106



12.1554, 3.2849, -0.5936



10.3322, -0.2817, 1.0957



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



13.0547, 0.5121, 2.7739



16.1004, 1.1804, 4.1411



14.4142, -1.7579, 4.0698



8.1897, -0.2672, 0.7861



17.6010, 12.5298, 11.0650



45.7805, 39.0283, 28.8930

Inverse Universe

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



12.9731, -1.5440, -1.6206



15.9679, -2.1349, -2.9519



11.6184, 0.7346, -3.5333



8.1769, -0.5920, 0.0928



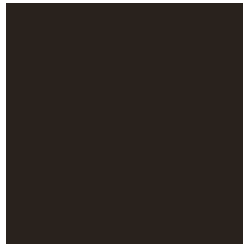
16.8694, -0.8696, -19.2080



43.6027, 1.3856, -57.4906

Previews

White Background



This preview shows how the HunterLab color 13.0544, 0.5125, 2.7737 looks on a white background.

Color Contrast Check

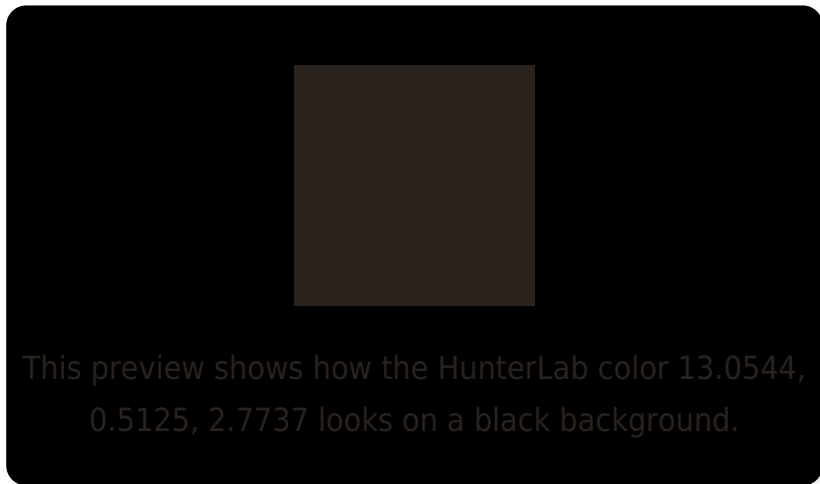
Large Text (above 18pt) WCAG AA ✓ Pass

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

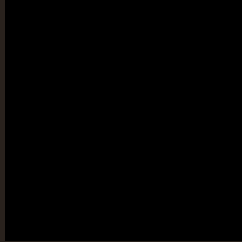
Any Text WCAG AA × Fail

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 13.0544, 0.5125, 2.7737 Background



This preview shows how black text looks on a background with the HunterLab color 13.0544, 0.5125, 2.7737.



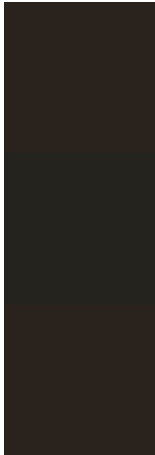
This preview shows how white text looks on a background with the HunterLab color 13.0544, 0.5125,

2.7737.

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

13.0544, 0.5125, 2.7737

Protanopia

12.9966, -0.7921, 2.3911

Deuteranopia

13.0544, 0.5125, 2.7737



Tritanopia

13.0665, 1.9574, 0.5123

Trichromacy



Original Color

13.0544, 0.5125, 2.7737

Protanomaly

13.0686, -0.5420, 2.4707

Deuteranomaly

13.0544, 0.5125, 2.7737

Tritanomaly

12.9991, 1.6010, 1.4753

Monochromacy



Original Color

13.0544, 0.5125, 2.7737

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.1299, -0.2075, 1.5896

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0544, 0.5125, 2.7737 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(41, 34, 29)` looks like.

```
.text, #text, p{  
    color:rgb(41, 34, 29)  
}
```

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(41, 34, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 34, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0544, 0.5125, 2.7737 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(41, 34, 29) }
```


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

```
.border{ border-color:rgb(41, 34, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 34, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 34, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 34, 29);  
box-shadow:4px 4px 4px 4px rgb(41, 34, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.0544, 0.5125, 2.7737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 34, 29) }
```

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

```
.background{ background-color: rgb(41, 34,  
29) }
```

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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