

Converting Colors

HunterLab(14.2317, -2.2733,
2.5754)

Have a look what the booklet for
HunterLab(14.2317, -2.2733, 2.5754)
contains.

HunterLab(14.2351, -2.2092, 2.4297)	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(14.2351, -2.2092,
2.4297)**

Conversions

Conversions Part 1

Format	Color
Hex	252822
RGB	37, 40, 34
RGB Percent	15%, 16%, 13%
CMY	0.8549, 0.8431, 0.8667
CMYK	0.08, 0.00, 0.15, 0.84
HSL	90°, 8%, 15%
HSV	90°, 15%, 16%
XYZ	1.8105, 2.0264, 1.8091
YIQ	38.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

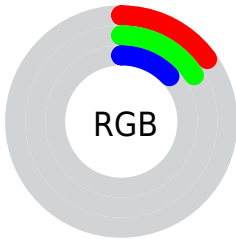
Format	Color
RYB	34, 40, 37
Decimal	2435106
CIELab	15.63, -2.78, 3.49
CIELCh	16, 4.465, 128.552
Yxy	2.0265, 0.3207, 0.3589
Android (android.graphics.Color)	4280625186 (0xFF252822)
YUV	38.4190, -2.1786, -1.2445
Hunter-Lab	14.2351, -2.2092, 2.4297

Details

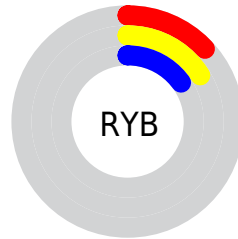
The HunterLab color **14.2351, -2.2092, 2.4297** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.0023, 0.8317, -1.1279**, and the grayscale version is **14.0637, -0.7504, 0.7641**.

A 20% lighter version of the original color is **29.7336, -3.3872, 3.8900**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.0311, -3.1016, 3.4013**, and if you desaturate by 10%, it is **14.4532, -1.2669, 1.3614**.

Distribution



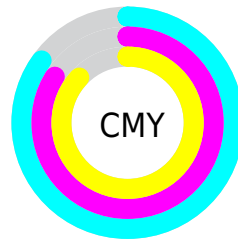
- Red (15%)
- Green (16%)
- Blue (13%)



- Red (13%)
- Yellow (16%)
- Blue (15%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (84%)



- Cyan (85%)
- Magenta (84%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.2351, -2.2092, 2.4297 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 14.2351, -2.2092, 2.4297 by changing the saturation by 10% instead.

■ 14.2351, -2.2092,
2.4297

■ 14.2351, -2.2092,
2.4297

■ 107.3619, -8.6198,
9.2493

■ 7.8917, -1.9582,
2.2638

■ 29.6900, -3.4521,
3.7847

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 38.7217, -4.1115,
4.4924

0.0000, NaN, NaN

■ 48.5193, -4.7976,
5.2238

0.0000, NaN, NaN

■ 59.0272, -5.5104,
5.9799

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.2001, -6.2495,
6.7606

0.0000, NaN, NaN

■ 82.0007, -7.0145,

0.0000, NaN, NaN

7.5660

■ 94.3970, -7.8048,
8.3957

■ 14.2351, -2.2092,
2.4297

■ 14.2351, -2.2092,
2.4297

■ 14.0311, -3.1016,
3.4013

■ 14.4532, -1.2669,
1.3614

■ 13.8404, -3.9405,
4.2729

■ 14.6842, -0.2764,
0.1989

■ 13.6634, -4.7236,
5.0428

■ 14.9283, 0.7587,
-1.0540

■ 13.5001, -5.4490,
5.7100

■ 15.1851, 1.8356,
-2.3934

■ 13.3505, -6.1149,
6.2744

■ 15.4544, 2.9512,
-3.8151

■ 13.2145, -6.7202,
6.7367

■ 15.7358, 4.1026,
-5.3148

■ 13.0879, -7.2877,
7.1567

■ 16.0291, 5.2869,
-6.8883

■ 12.9671, -7.8392,
7.5905

■ 16.3339, 6.5012,
-8.5312

■ 12.9088, -8.1087,
7.8124

■ 16.6498, 7.7430,
-10.2392

Harmonies

Analogous

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



14.2354, -1.1116, 2.8316



14.2351, -2.2092, 2.4297



14.2354, -2.9028, 1.5760

Triad

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



14.2354, -2.2095, 2.4299



14.2354, -1.6178, -1.4908



14.2354, 1.6636, 1.1066

Complementary

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



14.2351, -2.2092, 2.4297



13.0023, 0.8317, -1.1279

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.



14.2354, 1.5168, -0.0757



14.2351, -2.2092, 2.4297



14.2354, -0.4056, -1.6435

Square

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



14.2354, -2.2095, 2.4299



14.2354, -2.5693, -0.7053



14.2354, 0.7493, -1.1063



14.2354, 1.1438, 2.1114

Rectangle

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



14.2351, -2.2092, 2.4297



14.2354, -3.0562, 0.8318



14.2354, 0.7493, -1.1063



14.2354, 1.6909, 0.7177

Sweetspot

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



14.2354, -2.2095, 2.4299



18.0442, -1.6179, 1.7414



13.7470, -0.3547, 1.9375



9.9296, -0.8857, 0.9530



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



14.2354, -2.2095, 2.4299



17.6746, -3.2206, 3.5431



14.0472, -2.8882, 2.2176



8.3768, -0.9054, 0.9853



26.1872, -17.6101, 15.8281



70.6859, -49.5138, 42.6895

Inverse Universe

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



13.0023, 0.8317, -1.1279



15.7246, 1.5925, -2.0919



13.2228, 1.5664, -0.8266



7.9914, 0.0443, -0.1249



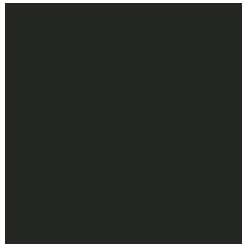
10.6601, 24.2822, -39.8280



27.9106, 64.7650, -113.4927

Previews

White Background



This preview shows how the HunterLab color 14.2351, -2.2092, 2.4297 looks on a white background.

Color Contrast Check

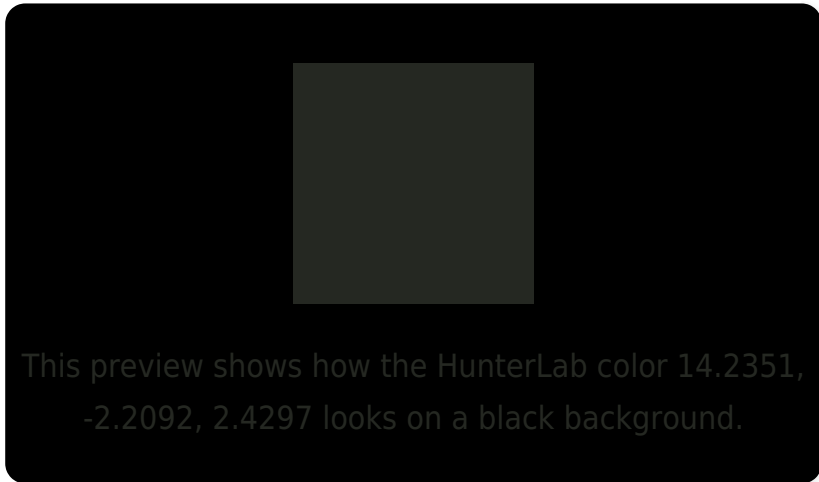
Large Text (above 18pt) WCAG AA ✓ Pass

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

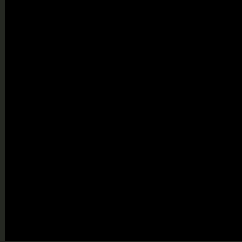
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

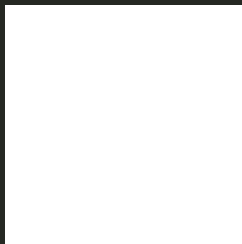
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 14.2351, -2.2092, 2.4297 Background



This preview shows how black text looks on a background with the HunterLab color 14.2351, -2.2092, 2.4297.

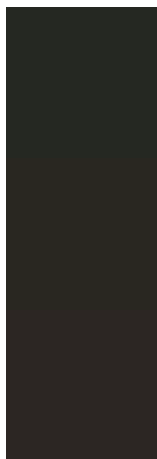


This preview shows how white text looks on a background with the HunterLab color 14.2351, -2.2092, 2.4297.

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

14.2351, -2.2092, 2.4297

Protanopia

14.2557, -0.9758, 2.7830

Deuteranopia

14.2935, 0.4022, 2.2188



Tritanopia

14.2488, -0.5975, -0.3452

Trichromacy



Original Color

14.2351, -2.2092, 2.4297

Protanomaly

14.1844, -1.2258, 2.7046

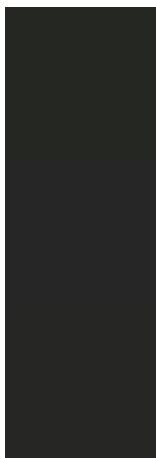
Deuteranomaly

14.2962, -0.7540, 2.2014

Tritanomaly

14.1760, -0.9964, 0.6898

Monochromacy



Original Color

14.2351, -2.2092, 2.4297

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.1304, -1.2475, 1.3413

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.2351, -2.2092, 2.4297 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(37, 40, 34)` looks like.

```
.text, #text, p{  
    color:rgb(37, 40, 34)  
}
```

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(37, 40, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 40, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 14.2351, -2.2092, 2.4297 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(37, 40, 34) }
```


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

```
.border{ border-color:rgb(37, 40, 34) }
```

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

Here you see how a box with a 4 pixel rgb(37, 40, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 40, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 40, 34);  
box-shadow:4px 4px 4px 4px rgb(37, 40, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.2351, -2.2092, 2.4297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 40, 34) }
```

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

```
.background{ background-color: rgb(37, 40,  
34) }
```

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