

Converting Colors

HunterLab(13.3390, 2.7172,
4.2996)

Have a look what the booklet for
HunterLab(13.3390, 2.7172, 4.2996)
contains.

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Color

**HunterLab(13.3652, 2.4974,
4.1993)**

Conversions

Conversions Part 1

Format	Color
Hex	302119
RGB	48, 33, 25
RGB Percent	19%, 13%, 10%
CMY	0.8118, 0.8706, 0.9020
CMYK	0.00, 0.31, 0.48, 0.81
HSL	21°, 32%, 14%
HSV	21°, 48%, 19%
XYZ	1.9383, 1.7863, 1.1623
YIQ	36.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

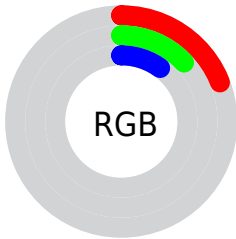
Format	Color
R_{YB}	48, 37, 25
Decimal	3154201
CIE Lab	14.32, 5.90, 8.24
CIE LCh	14, 10.137, 54.417
Yxy	1.7864, 0.3966, 0.3655
Android (android.graphics.Color)	4281344281 (0xFF302119)
YUV	36.5730, -5.7055, 10.0215
Hunter-Lab	13.3652, 2.4974, 4.1993

Details

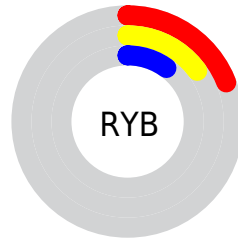
The HunterLab color **13.3652, 2.4974, 4.1993** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.9197, -2.6471, -3.3797**, and the grayscale version is **13.4804, -0.7193, 0.7324**.

A 20% lighter version of the original color is **28.5622, 2.6156, 6.2934**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.6557, 3.3535, 4.7125**, and if you desaturate by 10%, it is **14.1097, 1.6926, 3.6185**.

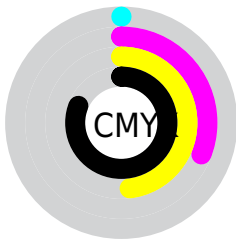
Distribution



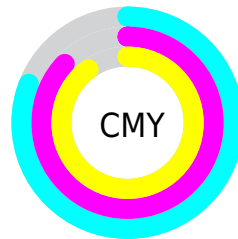
- Red (19%)
- Green (13%)
- Blue (10%)



- Red (19%)
- Yellow (15%)
- Blue (10%)



- Cyan (0%)
- Magenta (31%)
- Yellow (48%)
- Black (81%)



- Cyan (81%)
- Magenta (87%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.3652, 2.4974, 4.1993 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 13.3652, 2.4974, 4.1993 by changing the saturation by 10% instead.

■ 13.3652, 2.4974,
4.1993

■ 13.3652, 2.4974,
4.1993

105.6427, 0.5428,
13.5624

■ 6.9185, 3.3457,
4.8430

■ 28.5740, 2.5373,
6.3299

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.5012, 2.4261,
7.3541

0.0000, NaN, NaN

■ 47.2025, 2.2457,
8.3723

0.0000, NaN, NaN

■ 57.6207, 2.0047,
9.3921

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.7093, 1.7094,
10.4183


0.0000, NaN, NaN


■ 80.4300, 1.3648,


0.0000, NaN, NaN


11.4542


 92.7505, 0.9749,
12.5017


 13.3652, 2.4974,
4.1993


 13.3652, 2.4974,
4.1993


 12.6557, 3.3535,
4.7125


 14.1097, 1.6926,
3.6185


 11.9836, 4.2622,
5.1481


 14.8851, 0.9392,
2.9781


 11.3533, 5.2200,
5.4964

 15.6889, 0.2343,
2.2855

 10.7636, 6.1957,
5.8234

 16.5185, -0.4252,
1.5472

 10.2100, 7.1390,
6.2494

 17.3718, -1.0428,
0.7687

■ 10.0994, 7.3303,
6.3515

■ 18.2469, -1.6217,
-0.0454

■ 19.1419, -2.1653,
-0.8912

■ 20.0554, -2.6768,
-1.7654

■ 20.9862, -3.1589,
-2.6651

Harmonies

Analogous

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



13.3655, 4.4376, 2.6404



13.3652, 2.4974, 4.1993



13.3655, -0.1967, 4.8207

Triad

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



13.3655, 2.4968, 4.1995



13.3655, -5.5700, 1.2067



13.3655, 1.5378, -4.6969

Complementary

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



13.3652, 2.4974, 4.1993



13.9197, -2.6471, -3.3797

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.



13.3655, -1.2233, -5.2936



13.3652, 2.4974, 4.1993



13.3655, -5.1868, -1.5179

Square

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



13.3655, 2.4968, 4.1995



13.3655, -4.7398, 3.3309



13.3655, -3.6475, -4.0318



13.3655, 3.8533, -2.5348

Rectangle

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



13.3652, 2.4974, 4.1993



13.3655, -2.0023, 4.7328



13.3655, -3.6475, -4.0318



13.3655, 0.6253, -5.1034

Sweetspot

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



13.3655, 2.4968, 4.1995



20.1074, 0.0235, 2.5893



12.1620, 7.4136, -2.3082



10.7260, 0.0281, 1.4007



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.



13.3655, 2.4968, 4.1995



15.7789, 4.4518, 6.0587



15.8505, -1.8223, 6.2947



8.8746, -0.2250, 0.8360



17.1714, 15.3865, 10.8503



43.9238, 46.1599, 27.8737

Inverse Universe

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



13.9197, -2.6471, -3.3797



16.6280, -3.5195, -5.6584



11.3608, 1.6394, -7.5641



8.9274, -0.7075, 0.1225



18.8788, -3.2687, -16.5407



48.5069, -5.7875, -48.1360

Previews

White Background



This preview shows how the HunterLab color 13.3652, 2.4974, 4.1993 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

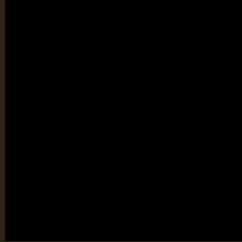
Any Text WCAG AA × Fail

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 13.3652, 2.4974, 4.1993 Background



This preview shows how black text looks on a background with the HunterLab color 13.3652, 2.4974, 4.1993.



This preview shows how white text looks on a background with the HunterLab color 13.3652, 2.4974,

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

13.3652, 2.4974, 4.1993

Protanopia

13.2954, -1.0603, 3.8158

Deuteranopia

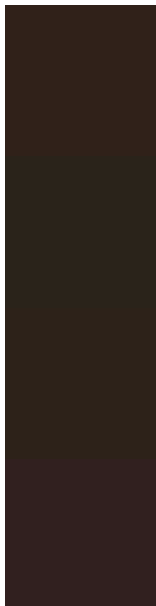
13.4452, 0.5699, 4.2392



Tritanopia

13.4219, 4.0656, 1.6565

Trichromacy



Original Color

13.3652, 2.4974, 4.1993

Protanomaly

13.2999, 0.1091, 3.8406

Deuteranomaly

13.3121, 1.2376, 4.1283

Tritanomaly

13.3601, 3.7481, 2.5452

Monochromacy



Original Color

13.3652, 2.4974, 4.1993

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.5756, 0.1710, 2.0842

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.3652, 2.4974, 4.1993 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(48, 33, 25)` looks like.

```
.text, #text, p{  
    color:rgb(48, 33, 25)  
}
```

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(48, 33, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 33, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 13.3652, 2.4974, 4.1993 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(48, 33, 25) }
```


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

```
.border{ border-color:rgb(48, 33, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 33, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 33, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 33, 25);  
box-shadow:4px 4px 4px 4px rgb(48, 33, 25)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.3652, 2.4974, 4.1993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 33, 25) }
```

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

```
.background{ background-color: rgb(48, 33,  
25) }
```

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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