

Converting Colors

HunterLab(29.3023, 14.0004,
9.3680)

Have a look what the booklet for
HunterLab(29.3023, 14.0004,
9.3680) contains.

HunterLab(29.3023, 14.0004, 9.3680)	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(29.3023, 14.0004,
9.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	78453D
RGB	120, 69, 61
RGB Percent	47%, 27%, 24%
CMY	0.5294, 0.7294, 0.7608
CMYK	0.00, 0.42, 0.49, 0.53
HSL	8°, 33%, 35%
HSV	8°, 49%, 47%
XYZ	10.7162, 8.5862, 5.5074
YIQ	83.3370, 32.9640, 8.3240

Conversions

Conversions Part 2

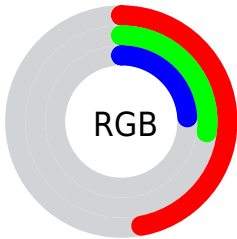
Format	Color
R_{YB}	120, 70, 61
Decimal	7882045
CIE Lab	35.18, 20.96, 14.27
CIE LCh	35, 25.359, 34.241
Yxy	8.5867, 0.4319, 0.3461
Android (android.graphics.Color)	4286072125 (0xFF78453D)
YUV	83.3370, -11.0121, 32.1535
Hunter-Lab	29.3023, 14.0004, 9.3680

Details

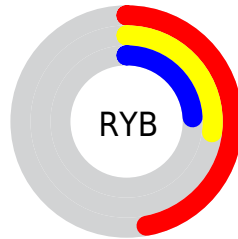
The HunterLab color **29.3023, 14.0004, 9.3680** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **37.3308, -12.2127, -5.4325**, and the grayscale version is **29.5646, -1.5775, 1.6063**.

A 20% lighter version of the original color is **47.9982, 15.0773, 12.3152**, and **13.8897, 12.0374, 6.1396** is the 20% darker color. If you saturate the color by 10%, you get **27.0277, 17.7224, 10.5902**, and if you desaturate by 10%, it is **31.8127, 10.3775, 8.0366**.

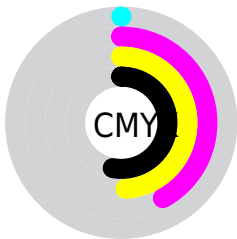
Distribution



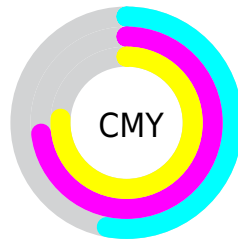
- Red (47%)
- Green (27%)
- Blue (24%)



- Red (47%)
- Yellow (27%)
- Blue (24%)



- Cyan (0%)
- Magenta (42%)
- Yellow (49%)
- Black (53%)



- Cyan (53%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.3023, 14.0004, 9.3680 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 29.3023, 14.0004, 9.3680 by changing the saturation by 10% instead.

29.3023, 14.0004,
9.3680

29.3023, 14.0004,
9.3680

134.2624, 17.1913,
21.6753

21.1485, 13.1454,
7.8397

48.0633, 15.3171,
12.2299

13.9330, 12.1345,
6.2138

58.5403, 15.8159,
13.6068

7.5698, 12.1053,
5.2988

69.6841, 16.2245,
14.9648

0.0000, INF, NaN

0.0000, NaN, NaN

81.4572, 16.5525,
16.3115

0.0000, NaN, NaN

93.8274, 16.8073,
17.6523

0.0000, NaN, NaN

0.0000, NaN, NaN

106.7672, 16.9954,

18.9913

0.0000, NaN, NaN

120.2526, 17.1219,
20.3316

■ 29.3023, 14.0004,
9.3680

■ 29.3023, 14.0004,
9.3680

■ 27.0277, 17.7224,
10.5902

■ 31.8127, 10.3775,
8.0366

■ 25.0236, 21.4585,
11.6479

■ 34.5237, 6.9037,
6.6343

■ 23.3286, 25.0600,
12.4762

■ 37.4080, 3.5928,
5.1886

■ 21.9768, 28.3231,
13.0105

■ 40.4422, 0.4428,
3.7170

■ 20.9776, 30.9694,
13.3872

■ 43.6068, -2.5572,
2.2303

■ 20.9091, 31.1509,
13.4295

■ 46.8860, -5.4224,
0.7348

■ 50.2667, -8.1687,
-0.7660

■ 53.7382, -10.8116,
-2.2701

■ 57.2916, -13.3650,
-3.7770

Harmonies

Analogous

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



29.3030, 17.5692, 2.7759



29.3023, 14.0004, 9.3680



29.3030, 6.2647, 12.8105

Triad

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



29.3030, 13.9988, 9.3685



29.3030, -15.4637, 7.8348



29.3030, -0.2862, -19.7783

Complementary

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



29.3023, 14.0004, 9.3680



37.3308, -12.2127, -5.4325

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.



29.3030, -8.6504, -17.2252



29.3023, 14.0004, 9.3680



29.3030, -16.7787, 0.3629

Square

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



29.3030, 13.9988, 9.3685



29.3030, -10.6022, 12.1287



29.3030, -14.4349, -9.1467



29.3030, 8.7201, -15.3457

Rectangle

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



29.3023, 14.0004, 9.3680



29.3030, 0.1752, 13.6251



29.3030, -14.4349, -9.1467



29.3030, -3.2657, -19.7160

Sweetspot

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



29.3030, 13.9988, 9.3685



51.1174, 3.1534, 6.1430



29.1607, 24.5453, -12.8485



24.5535, 1.8858, 3.1522



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



29.3030, 13.9988, 9.3685



35.4832, 24.1399, 14.2382



36.2411, 0.5590, 15.1185



20.2354, 0.2092, 1.8528



21.8072, 32.6395, 14.0089



46.8376, 73.8566, 30.1541

Inverse Universe

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



37.3308, -12.2127, -5.4325



48.1071, -17.7694, -9.1858



29.1184, 0.4134, -18.2315



21.0337, -2.3294, 0.3956



34.9354, -14.8394, -11.6322



75.7014, -31.6346, -26.3302

Previews

White Background



This preview shows how the HunterLab color 29.3023, 14.0004, 9.3680 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



This preview shows how the HunterLab color 29.3023, 14.0004, 9.3680 looks on a 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 29.3023, 14.0004, 9.3680 Background



This preview shows how black text looks on a background with the HunterLab color 29.3023, 14.0004, 9.3680.



This preview shows how white text looks on a background with the HunterLab color 29.3023, 14.0004,

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

29.3023, 14.0004, 9.3680

Protanopia

29.4389, -2.2171, 7.4065

Deuteranopia

29.5055, 1.6251, 9.8951



Tritanopia

29.2355, 16.3780, 5.8680

Trichromacy



Original Color

29.3023, 14.0004, 9.3680

Protanomaly

29.2229, 3.4313, 7.9205

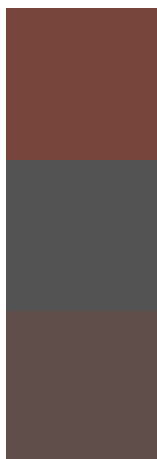
Deuteranomaly

29.3614, 6.1497, 9.5675

Tritanomaly

29.3540, 15.4947, 7.3129

Monochromacy



Original Color

29.3023, 14.0004, 9.3680

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.0578, 3.3187, 4.3812

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.3023, 14.0004, 9.3680 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(120, 69, 61)` looks like.

```
.text, #text, p{  
    color:rgb(120, 69, 61)  
}
```

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(120, 69, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 69, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 29.3023, 14.0004, 9.3680 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(120, 69, 61) }
```


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

```
.border{ border-color:rgb(120, 69, 61) }
```

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

Here you see how a box with a 4 pixel rgb(120, 69, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 69, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 69, 61);  
box-shadow:4px 4px 4px 4px rgb(120, 69,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.3023, 14.0004, 9.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 69, 61) }
```

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

```
.background{ background-color: rgb(120, 69,  
61) }
```

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