

Converting Colors

HunterLab(14.6753, -10.4629,
7.2663)

Have a look what the booklet for
HunterLab(14.6753, -10.4629,
7.2663) contains.

HunterLab(14.6296, -10.4627, 7.2884)	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(14.6296,
-10.4627, 7.2884)**

Conversions

Conversions Part 1

Format	Color
Hex	0C2F0D
RGB	12, 47, 13
RGB Percent	5%, 18%, 5%
CMY	0.9529, 0.8157, 0.9490
CMYK	0.74, 0.00, 0.72, 0.82
HSL	122°, 59%, 12%
HSV	122°, 74%, 18%
XYZ	1.2408, 2.1403, 0.7285
YIQ	32.6590, -9.9460, -17.9940

Conversions

Conversions Part 2

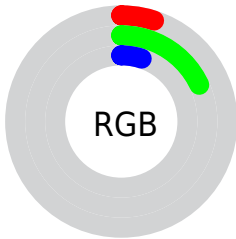
Format	Color
RYB	12, 46, 47
Decimal	798477
CIELab	16.21, -21.09, 17.52
CIELCh	16, 27.421, 140.280
Yxy	2.1403, 0.3019, 0.5208
Android (android.graphics.Color)	4278988557 (0xFF0C2F0D)
YUV	32.6590, -9.6919, -18.1179
Hunter-Lab	14.6296, -10.4627, 7.2884

Details

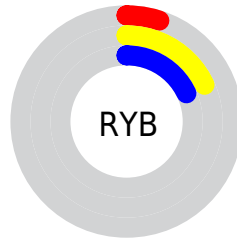
The HunterLab color **14.6296, -10.4627, 7.2884** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.3178, 13.0317, -8.2674**, and the grayscale version is **12.2570, -0.6540, 0.6659**.

A 20% lighter version of the original color is **30.0229, -14.6493, 10.8550**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.4869, -11.1313, 7.7406**, and if you desaturate by 10%, it is **14.8048, -9.6548, 6.7356**.

Distribution



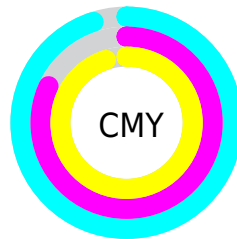
- Red (5%)
- Green (18%)
- Blue (5%)



- Red (5%)
- Yellow (18%)
- Blue (18%)



- Cyan (74%)
- Magenta (0%)
- Yellow (72%)
- Black (82%)





- Cyan (95%)
- Magenta (82%)
- Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 14.6296, -10.4627, 7.2884 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 14.6296, -10.4627, 7.2884 by changing the saturation by 10% instead.

 14.6296, -10.4627,
7.2884

 14.6296, -10.4627,
7.2884


 108.1329,
-26.9424, 21.8942

 8.2896, -11.5299,
5.8027


 30.1931, -14.7086,
10.9548

0.0000, NaN, NaN


0.0000, NaN, NaN

 39.2711, -16.6161,
12.6441

0.0000, NaN, NaN


 49.1115, -18.4407,
14.2649

0.0000, NaN, NaN

 59.6592, -20.2066,
15.8387

0.0000, NaN, NaN

0.0000, NaN, NaN

 70.8696, -21.9297,
17.3798

0.0000, NaN, NaN

 82.7056, -23.6216,

0.0000, NaN, NaN

18.8982

■ 95.1358, -25.2904,
20.4012

■ 14.6296, -10.4627,
7.2884

■ 14.6296, -10.4627,
7.2884

■ 14.4869, -11.1313,
7.7406

■ 14.8048, -9.6548,
6.7356

■ 14.3470, -11.7911,
8.1750

■ 15.0180, -8.6850,
6.0788

■ 14.2691, -12.1621,
8.4193

■ 15.2702, -7.5583,
5.3219

■ 15.5617, -6.2826,
4.4704

■ 15.8921, -4.8683,
3.5314

■ 16.2609, -3.3273,
2.5129

■ 16.6671, -1.6724,
1.4235

■ 17.1095, 0.0831,
0.2718

■ 17.5868, 1.9265,
-0.9336

Harmonies

Analogous

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



14.6299, -5.5384, 9.6113



14.6296, -10.4627, 7.2884



14.6299, -12.6393, 2.9670

Triad

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



14.6299, -10.4629, 7.2885



14.6299, -3.1827, -20.7957



14.6299, 15.7292, 4.8633

Complementary

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



14.6296, -10.4627, 7.2884



10.3178, 13.0317, -8.2674

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.



14.6299, 16.7214, -1.7682



14.6296, -10.4627, 7.2884



14.6299, 4.6737, -19.3456

Square

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



14.6299, -10.4629, 7.2885



14.6299, -9.0440, -14.5710



14.6299, 12.3379, -11.2629



14.6299, 9.8539, 8.2997

Rectangle

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



14.6296, -10.4627, 7.2884



14.6299, -12.6231, -1.9272



14.6299, 12.3379, -11.2629



14.6299, 16.6857, 3.0798

Sweetspot

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



14.6299, -10.4629, 7.2885



20.4823, -6.0224, 4.3833



16.2796, -4.0541, 8.6937



10.9478, -3.2090, 2.3363



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.



14.6299, -10.4629, 7.2885



18.4946, -14.9048, 10.3722



14.8508, -9.1181, 4.0650



9.0532, -1.2491, 0.9988



26.0256, -22.2425, 15.4853



69.4319, -59.4688, 41.5923

Inverse Universe

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



10.3178, 13.0317, -8.2674



12.1123, 20.3042, -12.8656



9.7755, 10.7312, -0.8061



8.7562, 0.3241, -0.0466



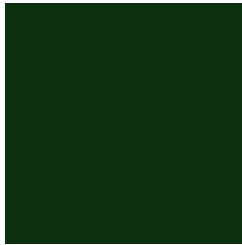
16.2954, 31.8556, -20.0844



43.4558, 84.9075, -53.2219

Previews

White Background



This preview shows how the HunterLab color 14.6296, -10.4627, 7.2884 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

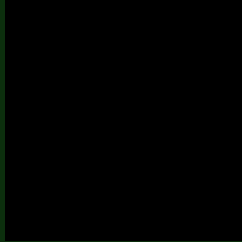
Any Text WCAG AA × Fail

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 14.6296, -10.4627, 7.2884 Background



This preview shows how black text looks on a background with the HunterLab color 14.6296, -10.4627, 7.2884.



This preview shows how white text looks on a background with the HunterLab color 14.6296,

-10.4627, 7.2884.

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

14.6296, -10.4627, 7.2884

Protanopia

14.7239, -2.3020, 7.7576

Deuteranopia

14.7192, 0.1256, 7.0975



Tritanopia

14.7552, -4.7160, -1.7968

Trichromacy



Original Color

14.6296, -10.4627, 7.2884

Protanomaly

14.4140, -5.9375, 7.3472

Deuteranomaly

14.3718, -4.7600, 6.9081

Tritanomaly

14.5833, -7.2682, 2.3941

Monochromacy



Original Color

14.6296, -10.4627, 7.2884

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.9131, -4.8978, 3.3841

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.6296, -10.4627, 7.2884 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(12, 47, 13)` looks like.

```
.text, #text, p{  
    color:rgb(12, 47, 13)  
}
```

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(12, 47, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 47, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 14.6296, -10.4627, 7.2884 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(12, 47, 13) }
```


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

```
.border{ border-color:rgb(12, 47, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 47, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 47, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 47, 13);  
box-shadow:4px 4px 4px 4px rgb(12, 47, 13)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.6296, -10.4627, 7.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 47, 13) }
```

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

```
.background{ background-color: rgb(12, 47,  
13) }
```

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