

Converting Colors

HunterLab(46.7070, -14.2985,
20.3045)

Have a look what the booklet for
HunterLab(46.7070, -14.2985,
20.3045) contains.

HunterLab(46.7070, -14.3006, 20.3064)	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(46.7070,
-14.3006, 20.3064)**

Conversions

Conversions Part 1

Format	Color
Hex	78874A
RGB	120, 135, 74
RGB Percent	47%, 53%, 29%
CMY	0.5294, 0.4706, 0.7098
CMYK	0.11, 0.00, 0.45, 0.47
HSL	75°, 29%, 41%
HSV	75°, 45%, 53%
XYZ	17.6457, 21.8154, 9.7593
YIQ	123.5610, 10.6410, -22.1510

Conversions

Conversions Part 2

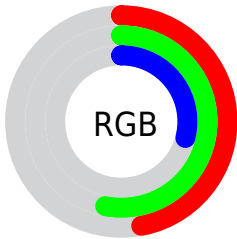
Format	Color
R_{YB}	74, 135, 89
Decimal	7898954
CIE _{Lab}	53.83, -15.76, 30.89
CIE _{LCh}	54, 34.680, 117.029
Yxy	21.8164, 0.3585, 0.4432
Android (android.graphics.Color)	4286089034 (0xFF78874A)
YUV	123.5610, -24.4336, -3.1230
Hunter-Lab	46.7070, -14.3006, 20.3064

Details

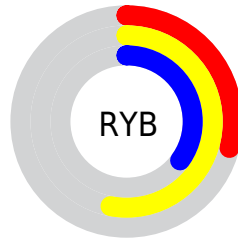
The HunterLab color $46.7070, -14.3006, 20.3064$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $29.6163, 14.1237, -27.3937$, and the grayscale version is $44.8139, -2.3912, 2.4348$.

A 20% lighter version of the original color is $68.0484, -17.1633, 25.0162$, and $28.0682, -11.1395, 14.9101$ is the 20% darker color. If you saturate the color by 10%, you get $46.2820, -16.2514, 22.6683$, and if you desaturate by 10%, it is $47.1804, -12.1210, 17.3934$.

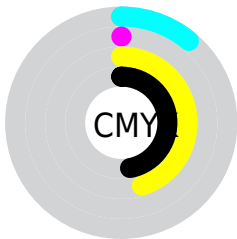
Distribution



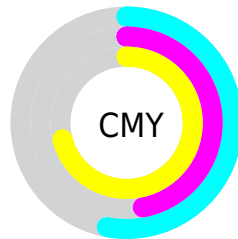
- Red (47%)
- Green (53%)
- Blue (29%)



- Red (29%)
- Yellow (53%)
- Blue (35%)



- Cyan (11%)
- Magenta (0%)
- Yellow (45%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7070, -14.3006, 20.3064 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 46.7070, -14.3006, 20.3064 by changing the saturation by 10% instead.

■ 46.7070, -14.3006,
20.3064

■ 46.7070, -14.3006,
20.3064

161.7362,
-27.0426, 40.1290

■ 37.0433, -12.8106,
17.7091

■ 68.1486, -17.1910,
25.1331

■ 28.1560, -11.2662,
14.9346

■ 79.8391, -18.6089,
27.4148

■ 20.1213, -9.6391,
11.9843

■ 92.1307, -20.0175,
29.6330

■ 13.0416, -7.8759,
9.1291

■ 104.9954,
-21.4213, 31.8004

■ 6.5130, -10.8921,
4.5591

■ 118.4088,
-22.8234, 33.9267

0.0000, NaN, NaN

0.0000, NaN, NaN

132.3492,

-24.2264, 36.0196

0.0000, NaN, NaN

146.7974,
-25.6323, 38.0854

0.0000, NaN, NaN

■ 46.7070, -14.3006,
20.3064

■ 46.7070, -14.3006,
20.3064

■ 46.2820, -16.2514,
22.6683

■ 47.1804, -12.1210,
17.3934

■ 45.9007, -17.9730,
24.4952

■ 47.7001, -9.7085,
13.9185

■ 45.5621, -19.4739,
25.8137

■ 48.2681, -7.0665,
9.8793

■ 45.2634, -20.7659,
26.6607

■ 48.8846, -4.1996,
5.2786

■ 45.0003, -21.8716,
27.1002

■ 49.5498, -1.1141,
0.1245

■ 44.8798, -22.3755,
27.2630

■ 50.2636, 2.1819,
-5.5707

■ 51.0257, 5.6793,
-11.7912

■ 51.8355, 9.3682,
-18.5183

■ 52.6924, 13.2378,
-25.7309

Harmonies

Analogous

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



46.7080, -1.0664, 21.7963



46.7070, -14.3006, 20.3064



46.7080, -23.3246, 14.6160

Triad

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



46.7080, -14.3019, 20.3068



46.7080, -16.4863, -25.0254



46.7080, 28.1277, 1.1716

Complementary

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



46.7070, -14.3006, 20.3064



29.6163, 14.1237, -27.3937

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.



46.7080, 22.7776, -13.9769



46.7070, -14.3006, 20.3064



46.7080, -3.9061, -31.6818

Square

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



46.7080, -14.3019, 20.3068



46.7080, -24.4756, -10.9161



46.7080, 10.6159, -27.1328



46.7080, 24.4945, 12.9011

Rectangle

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



46.7070, -14.3006, 20.3064



46.7080, -26.3021, 8.0211



46.7080, 10.6159, -27.1328



46.7080, 27.3065, -3.6925

Sweetspot

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



46.7080, -14.3019, 20.3068



64.6604, -9.1335, 12.7132



35.5862, 11.6468, 11.3376



31.0444, -4.7330, 6.6473



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



46.7080, -14.3019, 20.3068



61.9321, -21.7530, 30.3408



44.7331, -21.8469, 18.5947



23.1666, -2.5490, 3.4063



43.1031, -21.4570, 26.1843



2.6032, -1.0072, 1.5864

Inverse Universe

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



29.6163, 14.1237, -27.3937



34.5969, 24.6565, -48.5959



32.4814, 22.2584, -21.4378



21.4378, 0.2348, -1.1695



13.8560, 35.3700, -81.2867



0.9816, 2.2503, -3.7787

Previews

White Background



This preview shows how the HunterLab color 46.7070, -14.3006, 20.3064 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 46.7070, -14.3006, 20.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

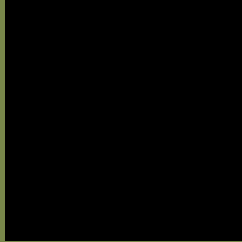
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 46.7070, -14.3006, 20.3064 Background



This preview shows how black text looks on a background with the HunterLab color 46.7070, -14.3006, 20.3064.



This preview shows how white text looks on a background with the HunterLab color 46.7070, -14.3006, 20.3064.

-14.3006, 20.3064.

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

46.7070, -14.3006, 20.3064

Protanopia

46.7238, -5.3431, 20.9177

Deuteranopia

46.6580, 3.0224, 19.8813



Tritanopia

46.7574, -0.8595, -1.6930

Trichromacy



Original Color

46.7070, -14.3006, 20.3064

Protanomaly

46.5835, -8.7478, 20.5287

Deuteranomaly

46.4114, -3.4470, 19.8034

Tritanomaly

46.7230, -6.6248, 8.0923

Monochromacy



Original Color

46.7070, -14.3006, 20.3064

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.4862, -7.0447, 10.1313

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7070, -14.3006, 20.3064 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, 135, 74)` looks like.

```
.text, #text, p{  
    color:rgb(120, 135, 74)  
}
```

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, 135, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 135, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7070, -14.3006, 20.3064 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, 135, 74) }
```


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

```
.border{ border-color:rgb(120, 135, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 135, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 135, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 135, 74);  
box-shadow:4px 4px 4px 4px rgb(120, 135,  
74) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7070, -14.3006, 20.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 135, 74) }
```

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

```
.background{ background-color: rgb(120,  
135, 74) }
```

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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