

Converting Colors

HunterLab(47.2723, -2.9288,
20.2685)

Have a look what the booklet for
HunterLab(47.2723, -2.9288,
20.2685) contains.

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Color

HunterLab(47.3702, -2.9277,
20.3501)

Conversions

Conversions Part 1

Format	Color
Hex	93814D
RGB	147, 129, 77
RGB Percent	58%, 51%, 30%
CMY	0.4235, 0.4941, 0.6980
CMYK	0.00, 0.12, 0.48, 0.42
HSL	45°, 31%, 44%
HSV	45°, 48%, 58%
XYZ	21.2224, 22.4394, 10.2339
YIQ	128.4540, 27.4200, -12.3560

Conversions

Conversions Part 2

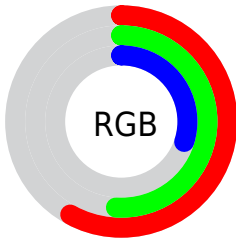
Format	Color
R_{YB}	101, 147, 77
Decimal	9666893
CIE Lab	54.49, -0.50, 30.60
CIE LCh	54, 30.606, 90.944
Yxy	22.4404, 0.3938, 0.4164
Android (android.graphics.Color)	4287856973 (0xFF93814D)
YUV	128.4540, -25.3668, 16.2648
Hunter-Lab	47.3702, -2.9277, 20.3501

Details

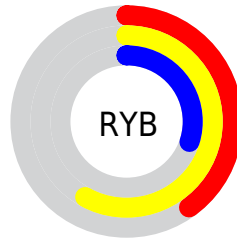
The HunterLab color $47.3702, -2.9277, 20.3501$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $34.4505, 4.0593, -26.2071$, and the grayscale version is $46.7288, -2.4933, 2.5389$.

A 20% lighter version of the original color is $68.9527, -4.3922, 25.1465$, and $28.7561, -1.6866, 15.0171$ is the 20% darker color. If you saturate the color by 10%, you get $46.1284, -2.2778, 22.4705$, and if you desaturate by 10%, it is $48.6685, -3.3472, 17.6789$.

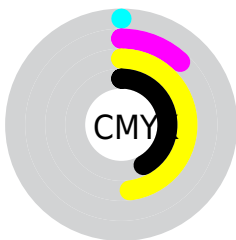
Distribution



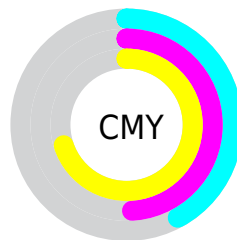
- Red (58%)
- Green (51%)
- Blue (30%)



- Red (40%)
- Yellow (58%)
- Blue (30%)



- Cyan (0%)
- Magenta (12%)
- Yellow (48%)
- Black (42%)



- Cyan (42%)
- Magenta (49%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3702, -2.9277, 20.3501 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 47.3702, -2.9277, 20.3501 by changing the saturation by 10% instead.

47.3702, -2.9277,
20.3501

47.3702, -2.9277,
20.3501

162.7383, -9.2951,
40.0015

37.6575, -2.3811,
17.7842

68.9005, -4.1326,
25.1255

28.7168, -1.8715,
15.0464

80.6316, -4.7836,
27.3856

20.6231, -1.4038,
12.0997

92.9618, -5.4654,
29.5842

13.4764, -0.9818,
9.4335

105.8634, -6.1767,
31.7335

7.0513, -0.6881,
4.9359

119.3122, -6.9163,
33.8431

0.0000, NaN, NaN

0.0000, NaN, NaN

133.2867, -7.6832,

35.9205

0.0000, NaN, NaN

147.7678, -8.4764,
37.9716

0.0000, NaN, NaN

■ 47.3702, -2.9277,
20.3501

■ 47.3702, -2.9277,
20.3501

■ 46.1284, -2.2778,
22.4705

■ 48.6685, -3.3472,
17.6789

■ 44.9404, -1.3936,
24.0351

■ 50.0191, -3.5328,
14.4666

■ 43.8071, -0.2830,
25.0512

■ 51.4219, -3.4907,
10.7302

■ 42.7276, 1.0422,
25.5407

■ 52.8754, -3.2270,
6.4897

■ 41.6963, 2.5446,
25.5946

■ 54.3780, -2.7494,
1.7674

■ 41.4543, 2.9096,
25.5949

■ 55.9281, -2.0664,
-3.4127

■ 57.5238, -1.1870,
-9.0264

■ 59.1636, -0.1206,
-15.0494

■ 60.8456, 1.1232,
-21.4578

Harmonies

Analogous

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



47.3713, 9.8517, 18.6548



47.3702, -2.9277, 20.3501



47.3713, -14.3827, 18.4221

Triad

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



47.3713, -2.9294, 20.3506



47.3713, -21.6126, -10.9058



47.3713, 20.6243, -10.0704

Complementary

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



47.3702, -2.9277, 20.3501



34.4505, 4.0593, -26.2071

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.



47.3713, 10.6160, -21.8246



47.3702, -2.9277, 20.3501



47.3713, -13.7579, -22.3891

Square

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



47.3713, -2.9294, 20.3506



47.3713, -24.4501, 2.1965



47.3713, -2.1295, -26.8264



47.3713, 24.2813, 2.9574

Rectangle

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



47.3702, -2.9277, 20.3501



47.3713, -19.9529, 14.9481



47.3713, -2.1295, -26.8264



47.3713, 17.8429, -14.4106

Sweetspot

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



47.3713, -2.9294, 20.3506



69.4548, -4.5863, 12.5433



35.1418, 23.7481, 3.5342



33.0022, -2.2173, 6.5131



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



47.3713, -2.9294, 20.3506



61.6406, -2.9907, 30.2064



51.1878, -16.0630, 23.1276



25.4850, -1.5896, 3.4841



38.6513, 2.6144, 23.8625



4.7991, -0.5905, 2.9469

Inverse Universe

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



34.4505, 4.0593, -26.2071



40.9707, 9.0599, -46.1339



31.2397, 16.5744, -32.8492



24.2095, -0.9775, -0.9440



17.4703, 22.3390, -70.0599



2.8157, 0.4197, -4.4254

Previews

White Background



This preview shows how the HunterLab color 47.3702, -2.9277, 20.3501 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 47.3702, -2.9277, 20.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

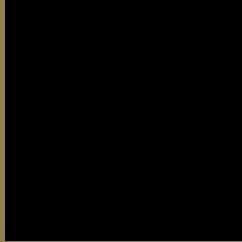
Any Text WCAG AA ✓ Pass

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 47.3702, -2.9277, 20.3501 Background



This preview shows how black text looks on a background with the HunterLab color 47.3702, -2.9277, 20.3501.



This preview shows how white text looks on a background with the HunterLab color 47.3702, -2.9277, 20.3501.

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

47.3702, -2.9277, 20.3501

Protanopia

47.2810, -4.6480, 20.0146

Deuteranopia

47.4198, 2.8753, 20.2582



Tritanopia

47.1809, 8.5100, 1.7892

Trichromacy



Original Color

47.3702, -2.9277, 20.3501

Protanomaly

47.3757, -4.3146, 20.0968

Deuteranomaly

47.2671, 0.9770, 20.1018

Tritanomaly

47.2452, 3.5986, 9.9380

Monochromacy



Original Color

47.3702, -2.9277, 20.3501

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.5761, -3.0539, 10.2292

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3702, -2.9277, 20.3501 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(147, 129, 77)` looks like.

```
.text, #text, p{  
    color:rgb(147, 129, 77)  
}
```

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(147, 129, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 129, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3702, -2.9277, 20.3501 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(147, 129, 77) }
```


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

```
.border{ border-color:rgb(147, 129, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 129, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 129, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 129, 77);  
box-shadow:4px 4px 4px 4px rgb(147, 129,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3702, -2.9277, 20.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 129, 77) }
```

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

```
.background{ background-color: rgb(147,  
129, 77) }
```

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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