

Converting Colors

HunterLab(47.2930, -23.1621,
6.9821)

Have a look what the booklet for
HunterLab(47.2930, -23.1621,
6.9821) contains.

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Color

**HunterLab(47.2806,
-22.9975, 6.8457)**

Conversions

Conversions Part 1

Format	Color
Hex	488F77
RGB	72, 143, 119
RGB Percent	28%, 56%, 47%
CMY	0.7176, 0.4392, 0.5333
CMYK	0.50, 0.00, 0.17, 0.44
HSL	160°, 33%, 42%
HSV	160°, 50%, 56%
XYZ	15.8247, 22.3546, 20.9335
YIQ	119.0350, -34.6120, -22.5160

Conversions

Conversions Part 2

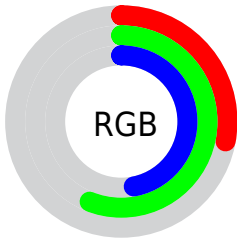
Format	Color
R_{YB}	72, 115, 143
Decimal	4755319
CIE _{Lab}	54.40, -28.39, 5.95
CIE _{LCh}	54, 29.006, 168.162
Yxy	22.3554, 0.2677, 0.3782
Android (android.graphics.Color)	4282945399 (0xFF488F77)
YUV	119.0350, -0.0173, -41.2497
Hunter-Lab	47.2806, -22.9975, 6.8457

Details

The HunterLab color **47.2806, -22.9975, 6.8457** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **33.6444, 24.7216, 1.6611**, and the grayscale version is **42.9747, -2.2930, 2.3349**.

A 20% lighter version of the original color is **68.7261, -27.3550, 8.6316**, and **28.6265, -18.1056, 4.9759** is the 20% darker color. If you saturate the color by 10%, you get **46.6423, -25.7604, 7.9900**, and if you desaturate by 10%, it is **48.0516, -19.7650, 5.8019**.

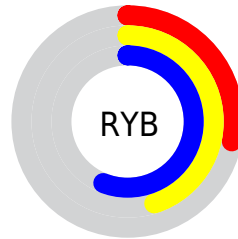
Distribution



Red (28%)

Green (56%)

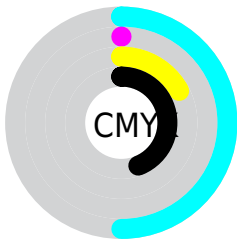
Blue (47%)



Red (28%)

Yellow (45%)

Blue (56%)

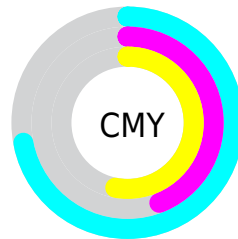


Cyan (50%)

Magenta (0%)

Yellow (17%)

Black (44%)



Cyan (72%)

Magenta (44%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2806, -22.9975, 6.8457 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 47.2806, -22.9975, 6.8457 by changing the saturation by 10% instead.

■ 47.2806, -22.9975,
6.8457

■ 47.2806, -22.9975,
6.8457

162.6029,
-41.2905, 15.4821

■ 37.5743, -20.6687,
5.9702

■ 68.7988, -27.3724,
8.6400

■ 28.6409, -18.1978,
5.1031

■ 80.5244, -29.4611,
9.5618

■ 20.5551, -15.5235,
4.2373

■ 92.8494, -31.5031,
10.5016

■ 13.4174, -12.5393,
3.3581

■ 105.7461,
-33.5083, 11.4599

■ 6.9810, -12.2167,
3.9133

■ 119.1901,
-35.4843, 12.4370

0.0000, NaN, NaN

133.1599,

0.0000, NaN, NaN

-37.4370, 13.4331

0.0000, NaN, NaN

147.6366,
-39.3711, 14.4481

0.0000, NaN, NaN

■ 47.2806, -22.9975,
6.8457

■ 47.2806, -22.9975,
6.8457

■ 46.6423, -25.7604,
7.9900

■ 48.0516, -19.7650,
5.8019

■ 46.1295, -28.0456,
9.2172

■ 48.9548, -16.0799,
4.8700

■ 45.7363, -29.8619,
10.5092

■ 49.9914, -11.9706,
4.0602

■ 45.4524, -31.2348,
11.8445

■ 51.1601, -7.4714,
3.3793

■ 45.2461, -32.2854,
13.1813

■ 52.4583, -2.6212,
2.8306

■ 45.2391, -32.3210,
13.2269

■ 53.8825, 2.5396,
2.4151

■ 55.4281, 7.9709,
2.1313

■ 57.0902, 13.6339,
1.9757

■ 58.8634, 19.4928,
1.9433

Harmonies

Analogous

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



47.2815, -18.4713, 14.9665



47.2806, -22.9975, 6.8457



47.2815, -22.4568, -4.7674

Triad

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



47.2815, -22.9980, 6.8462



47.2815, 4.8601, -23.2958



47.2815, 13.8170, 16.1459

Complementary

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



47.2806, -22.9975, 6.8457



33.6444, 24.7216, 1.6611

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.



47.2815, 21.3762, 8.8987



47.2806, -22.9975, 6.8457



47.2815, 15.8614, -14.4721

Square

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



47.2815, -22.9980, 6.8462



47.2815, -7.1524, -24.2416



47.2815, 22.1595, -2.1391



47.2815, 2.2868, 19.3715

Rectangle

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



47.2806, -22.9975, 6.8457



47.2815, -19.2863, -13.0410



47.2815, 22.1595, -2.1391



47.2815, 16.9540, 14.1958

Sweetspot

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



47.2815, -22.9980, 6.8462



67.5545, -13.4714, 5.0170



47.5888, -23.6163, 21.2717



32.2112, -6.9890, 2.4876



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



47.2815, -22.9980, 6.8462



62.2943, -35.0107, 10.9511



44.6759, -14.5357, -7.2140



24.6693, -3.4920, 1.6137



42.5428, -30.3624, 12.3689



4.2091, -2.6681, 0.4986

Inverse Universe

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



33.6444, 24.7216, 1.6611



40.7330, 41.3504, 3.4185



35.2721, 17.0412, 11.7266



23.3501, 1.0246, 1.0527



23.1477, 40.4826, 8.4342



2.3459, 4.2590, -0.3568

Previews

White Background



This preview shows how the HunterLab color 47.2806, -22.9975, 6.8457 looks on a white background.

Color Contrast Check

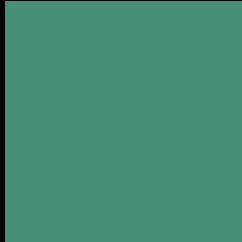
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.2806, -22.9975, 6.8457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

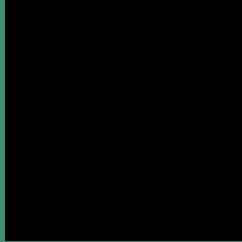
Any Text WCAG AA ✓ Pass

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 47.2806, -22.9975, 6.8457 Background



This preview shows how black text looks on a background with the HunterLab color 47.2806, -22.9975, 6.8457.



This preview shows how white text looks on a background with the HunterLab color 47.2806,

-22.9975, 6.8457.

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

47.2806, -22.9975, 6.8457

Protanopia

47.0155, -2.8207, 9.5901

Deuteranopia

46.9325, 3.1023, 5.3010



Tritanopia

47.3461, -14.5000, -7.2125

Trichromacy



Original Color

47.2806, -22.9975, 6.8457

Protanomaly

46.6891, -11.2463, 7.9755

Deuteranomaly

46.6468, -8.0254, 5.2002

Tritanomaly

47.1592, -17.5009, -1.9563

Monochromacy



Original Color

47.2806, -22.9975, 6.8457

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

44.2663, -10.8165, 3.7112

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2806, -22.9975, 6.8457 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(72, 143, 119)` looks like.

```
.text, #text, p{  
    color:rgb(72, 143, 119)  
}
```

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(72, 143, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 143, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2806, -22.9975, 6.8457 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(72, 143, 119) }
```


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

```
.border{ border-color:rgb(72, 143, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 143, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 143, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 143, 119);  
box-shadow:4px 4px 4px 4px rgb(72, 143,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.2806, -22.9975, 6.8457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 143, 119) }
```

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

```
.background{ background-color: rgb(72, 143,  
119) }
```

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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