

Converting Colors

HunterLab(47.3790, -23.3712,
7.6533)

Have a look what the booklet for
HunterLab(47.3790, -23.3712,
7.6533) contains.

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Color

**HunterLab(47.2303,
-23.2951, 7.5684)**

Conversions

Conversions Part 1

Format	Color
Hex	488F75
RGB	72, 143, 117
RGB Percent	28%, 56%, 46%
CMY	0.7176, 0.4392, 0.5412
CMYK	0.50, 0.00, 0.18, 0.44
HSL	158°, 33%, 42%
HSV	158°, 50%, 56%
XYZ	15.7058, 22.3070, 20.3075
YIQ	118.8070, -33.9700, -23.1380

Conversions

Conversions Part 2

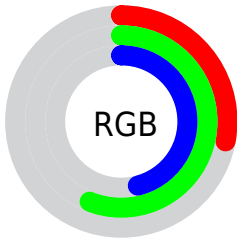
Format	Color
RYB	72, 115, 143
Decimal	4755317
CIELab	54.35, -28.86, 7.03
CIELCh	54, 29.707, 166.318
Yxy	22.3079, 0.2693, 0.3825
Android (android.graphics.Color)	4282945397 (0xFF488F75)
YUV	118.8070, -0.8909, -41.0497
Hunter-Lab	47.2303, -23.2951, 7.5684

Details

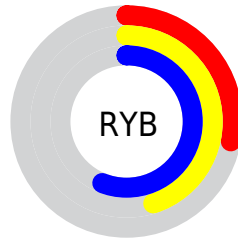
The HunterLab color $47.2303, -23.2951, 7.5684$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $33.6998, 24.9813, 0.8717$, and the grayscale version is $42.8895, -2.2885, 2.3303$.

A 20% lighter version of the original color is $68.6710, -27.6760, 9.4218$, and $28.5824, -18.3733, 5.6116$ is the 20% darker color. If you saturate the color by 10%, you get $46.5843, -26.1075, 8.8252$, and if you desaturate by 10%, it is $48.0100, -20.0083, 6.3992$.

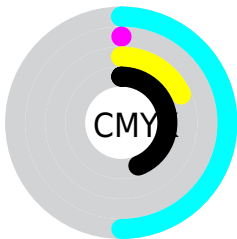
Distribution



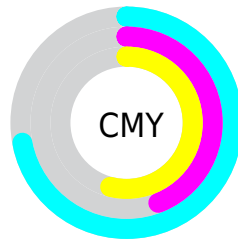
- Red (28%)
- Green (56%)
- Blue (46%)



- Red (28%)
- Yellow (45%)
- Blue (56%)



- Cyan (50%)
- Magenta (0%)
- Yellow (18%)
- Black (44%)



- Cyan (72%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2303, -23.2951, 7.5684 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 47.2303, -23.2951, 7.5684 by changing the saturation by 10% instead.

■ 47.2303, -23.2951,
7.5684

■ 47.2303, -23.2951,
7.5684

162.5269,
-41.8035, 16.6453

■ 37.5278, -20.9332,
6.6268

■ 68.7418, -27.7283,
9.4802

■ 28.5983, -18.4252,
5.6866

■ 80.4643, -29.8431,
10.4552

■ 20.5170, -15.7086,
4.7383

■ 92.7864, -31.9098,
11.4452

■ 13.3844, -12.6793,
3.7627

■ 105.6803,
-33.9383, 12.4513

■ 6.9413, -12.1472,
4.5740

■ 119.1216,
-35.9364, 13.4740

0.0000, NaN, NaN

0.0000, NaN, NaN

133.0889,

-37.9102, 14.5138

0.0000, NaN, NaN

147.5631,
-39.8646, 15.5708

0.0000, NaN, NaN

■ 47.2303, -23.2951,
7.5684

■ 47.2303, -23.2951,
7.5684

■ 46.5843, -26.1075,
8.8252

■ 48.0100, -20.0083,
6.3992

■ 46.0648, -28.4366,
10.1510

■ 48.9227, -16.2650,
5.3303

■ 45.6659, -30.2902,
11.5267


■ 49.9695, -12.0947,
4.3735


■ 45.3775, -31.6935,
12.9305


■ 51.1491, -7.5329,
3.5366


■ 45.1676, -32.7678,
14.3207


■ 52.4588, -2.6190,
2.8248

 45.1605, -32.8041,
14.3679

 53.8948, 2.6056,
2.2402

 55.4526, 8.1002,
1.7825

 57.1272, 13.8255,
1.4495

 58.9131, 19.7453,
1.2371

Harmonies

Analogous

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



47.2312, -18.3756, 15.5739



47.2303, -23.2951, 7.5684



47.2312, -23.0658, -4.1664

Triad

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



47.2312, -23.2956, 7.5689



47.2312, 4.2779, -24.3787



47.2312, 14.8677, 16.0720

Complementary

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



47.2303, -23.2951, 7.5684



33.6998, 24.9813, 0.8717

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.



47.2312, 22.2704, 8.4421



47.2303, -23.2951, 7.5684



47.2312, 15.7434, -15.6664

Square

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



47.2312, -23.2956, 7.5689



47.2312, -7.9651, -24.7864



47.2312, 22.6063, -3.0410



47.2312, 3.1779, 19.5690

Rectangle

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



47.2303, -23.2951, 7.5684



47.2312, -20.0397, -12.7149



47.2312, 22.6063, -3.0410



47.2312, 17.9900, 14.0076

Sweetspot

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



47.2312, -23.2956, 7.5689



67.5314, -13.6014, 5.3471



47.6574, -23.3474, 21.3298



32.1988, -7.0589, 2.6644



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.



47.2312, -23.2956, 7.5689



62.2151, -35.4853, 12.0914



45.0369, -15.0359, -6.7238



24.6643, -3.5201, 1.6859



42.4690, -30.8157, 13.4397



4.2035, -2.7021, 0.5791

Inverse Universe

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



33.6998, 24.9813, 0.8717



40.8207, 41.7366, 2.1668



35.0179, 17.6023, 11.5051



23.3553, 1.0523, 0.9793



23.2149, 40.7294, 7.4564



2.3559, 4.2952, -0.4977

Previews

White Background



This preview shows how the HunterLab color 47.2303, -23.2951, 7.5684 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 47.2303, -23.2951, 7.5684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

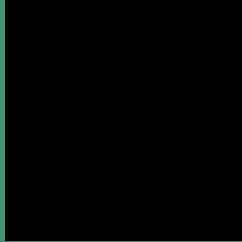
Any Text WCAG AA ✓ Pass

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 47.2303, -23.2951, 7.5684 Background



This preview shows how black text looks on a background with the HunterLab color 47.2303, -23.2951, 7.5684.



This preview shows how white text looks on a background with the HunterLab color 47.2303,

-23.2951, 7.5684.

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

47.2303, -23.2951, 7.5684

Protanopia

46.9687, -3.0780, 10.2663

Deuteranopia

46.9760, 3.1428, 6.1705



Tritanopia

47.0407, -14.0687, -7.6277

Trichromacy



Original Color

47.2303, -23.2951, 7.5684

Protanomaly

46.6403, -11.5230, 8.6778

Deuteranomaly

46.5941, -8.3201, 5.9544

Tritanomaly

47.1284, -17.6799, -1.5188

Monochromacy



Original Color

47.2303, -23.2951, 7.5684

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

44.2393, -10.9696, 4.0974

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2303, -23.2951, 7.5684 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(72, 143, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 143, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2303, -23.2951, 7.5684 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, 117) }
```


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

```
.border{ border-color:rgb(72, 143, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 143, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 143, 117);  
box-shadow:4px 4px 4px 4px rgb(72, 143,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.2303, -23.2951, 7.5684 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, 117) }
```

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

```
.background{ background-color: rgb(72, 143,  
117) }
```

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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