

Converting Colors

HunterLab(42.6487, -23.2918,
11.9774)

Have a look what the booklet for
HunterLab(42.6487, -23.2918,
11.9774) contains.

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Color

**HunterLab(42.5983,
-23.2100, 12.0668)**

Conversions

Conversions Part 1

Format	Color
Hex	42835B
RGB	66, 131, 91
RGB Percent	26%, 51%, 36%
CMY	0.7412, 0.4863, 0.6431
CMYK	0.50, 0.00, 0.31, 0.49
HSL	143°, 33%, 39%
HSV	143°, 50%, 51%
XYZ	12.2514, 18.1462, 12.7544
YIQ	107.0050, -25.9000, -26.2200

Conversions

Conversions Part 2

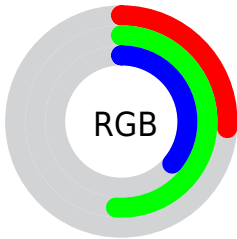
Format	Color
RYB	66, 113, 131
Decimal	4359003
CIELab	49.67, -30.50, 15.37
CIELCh	50, 34.156, 153.253
Yxy	18.1469, 0.2839, 0.4205
Android (android.graphics.Color)	4282549083 (0xFF42835B)
YUV	107.0050, -7.8905, -35.9614
Hunter-Lab	42.5983, -23.2100, 12.0668

Details

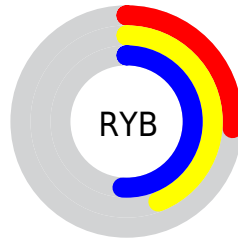
The HunterLab color $42.5983, -23.2100, 12.0668$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $31.2453, 24.7886, -6.1886$, and the grayscale version is $38.3829, -2.0480, 2.0854$.

A 20% lighter version of the original color is $63.6181, -28.2014, 15.2225$, and $24.7506, -17.9549, 8.9898$ is the 20% darker color. If you saturate the color by 10%, you get $41.9655, -26.0617, 13.8580$, and if you desaturate by 10%, it is $43.3612, -19.8773, 10.2086$.

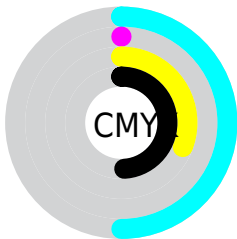
Distribution



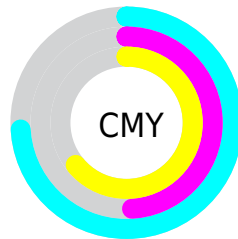
- Red (26%)
- Green (51%)
- Blue (36%)



- Red (26%)
- Yellow (44%)
- Blue (51%)



- Cyan (50%)
- Magenta (0%)
- Yellow (31%)
- Black (49%)



- Cyan (74%)
- Magenta (49%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5983, -23.2100, 12.0668 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 42.5983, -23.2100, 12.0668 by changing the saturation by 10% instead.

■ 42.5983, -23.2100,
12.0668

■ 42.5983, -23.2100,
12.0668

155.4663,
-42.6621, 24.7375

■ 33.2498, -20.6678,
10.5588

■ 63.4724, -27.9303,
14.9622

■ 24.7066, -17.9398,
8.9805

■ 74.9036, -30.1642,
16.3749

■ 17.0544, -14.9396,
7.2918

■ 86.9489, -32.3386,
17.7751

■ 10.4123, -13.5361,
6.7682

■ 99.5785, -34.4657,
19.1683

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.7665,
-36.5550, 20.5585

0.0000, NaN, NaN

126.4902,

0.0000, NaN, NaN

-38.6138, 21.9486

0.0000, NaN, NaN

140.7295,
-40.6480, 23.3410

■ 42.5983, -23.2100,
12.0668

■ 42.5983, -23.2100,
12.0668

■ 41.9655, -26.0617,
13.8580

■ 43.3612, -19.8773,
10.2086

■ 41.4569, -28.4172,
15.5594

■ 44.2528, -16.0874,
8.3041

■ 41.0673, -30.2788,
17.1507

■ 45.2735, -11.8751,
6.3745

■ 40.7881, -31.6660,
18.6130

■ 46.4212, -7.2809,
4.4392

■ 40.5867, -32.7041,
19.9133

■ 47.6926, -2.3481,
2.5155

■ 40.5794, -32.7415,
19.9588

■ 49.0835, 2.8790,
0.6178

■ 50.5890, 8.3578,
-1.2419

■ 52.2038, 14.0481,
-3.0544

■ 53.9222, 19.9137,
-4.8129

Harmonies

Analogous

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



42.5992, -15.6924, 18.3219



42.5983, -23.2100, 12.0668



42.5992, -25.3743, 0.8821

Triad

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



42.5992, -23.2106, 12.0672



42.5992, -0.7804, -30.7616



42.5992, 21.8839, 13.8324

Complementary

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



42.5983, -23.2100, 12.0668



31.2453, 24.7886, -6.1886

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.



42.5992, 27.1166, 3.7071



42.5983, -23.2100, 12.0668



42.5992, 13.0401, -24.1839

Square

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



42.5992, -23.2106, 12.0672



42.5992, -13.4213, -26.4290



42.5992, 23.6946, -10.4706



42.5992, 10.1494, 19.0936

Rectangle

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



42.5983, -23.2100, 12.0668



42.5992, -23.7453, -8.7229



42.5992, 23.6946, -10.4706



42.5992, 24.5239, 11.0203

Sweetspot

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



42.5992, -23.2106, 12.0672



61.2196, -13.3237, 7.4233



44.3802, -17.1171, 20.1611



29.4079, -6.9580, 3.8077



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



42.5992, -23.2106, 12.0672



56.0251, -35.4803, 18.9561



43.3960, -18.5013, 0.6261



22.8740, -3.4701, 2.1390



40.2604, -32.4799, 19.7927



2.3980, -1.7363, 0.7509

Inverse Universe

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



31.2453, 24.7886, -6.1886



38.0352, 41.2613, -9.5478



30.3494, 20.5884, 6.5481



21.7561, 1.1774, 0.3094



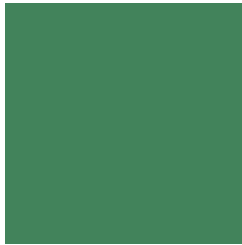
23.0856, 42.0456, -4.5461



1.4105, 2.6593, -0.9786

Previews

White Background



This preview shows how the HunterLab color 42.5983, -23.2100, 12.0668 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 × Fail

Black Background



This preview shows how the HunterLab color 42.5983, -23.2100, 12.0668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

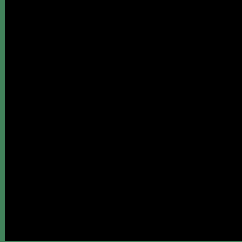
Any Text WCAG AA ✓ Pass

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 42.5983, -23.2100, 12.0668 Background



This preview shows how black text looks on a background with the HunterLab color 42.5983, -23.2100, 12.0668.



This preview shows how white text looks on a background with the HunterLab color 42.5983,

-23.2100, 12.0668.

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

42.5983, -23.2100, 12.0668

Protanopia

42.2067, -3.6355, 13.8710

Deuteranopia

42.3732, 2.8832, 11.0118



Tritanopia

42.4197, -12.0941, -6.1106

Trichromacy



Original Color

42.5983, -23.2100, 12.0668

Protanomaly

41.8930, -12.0044, 12.8429

Deuteranomaly

41.9769, -8.4311, 10.7611

Tritanomaly

42.3404, -16.4789, 1.3621

Monochromacy



Original Color

42.5983, -23.2100, 12.0668

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

39.6304, -10.7637, 5.8121

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5983, -23.2100, 12.0668 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(66, 131, 91)` looks like.

```
.text, #text, p{  
    color:rgb(66, 131, 91)  
}
```

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(66, 131, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 131, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5983, -23.2100, 12.0668 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(66, 131, 91) }
```


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

```
.border{ border-color:rgb(66, 131, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 131, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 131, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 131, 91);  
box-shadow:4px 4px 4px 4px rgb(66, 131,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.5983, -23.2100, 12.0668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 131, 91) }
```

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

```
.background{ background-color: rgb(66, 131,  
91) }
```

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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