

Converting Colors

HunterLab(45.5938, -23.4415,
7.3804)

Have a look what the booklet for
HunterLab(45.5938, -23.4415,
7.3804) contains.

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Color

**HunterLab(45.5865,
-23.4178, 7.3612)**

Conversions

Conversions Part 1

Format	Color
Hex	418B71
RGB	65, 139, 113
RGB Percent	25%, 55%, 44%
CMY	0.7451, 0.4549, 0.5569
CMYK	0.53, 0.00, 0.19, 0.45
HSL	159°, 36%, 40%
HSV	159°, 53%, 55%
XYZ	14.3932, 20.7813, 18.8753
YIQ	113.9100, -35.7580, -23.7740

Conversions

Conversions Part 2

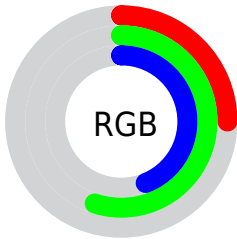
Format	Color
RYB	65, 110, 139
Decimal	4295537
CIELab	52.71, -29.65, 6.95
CIElCh	53, 30.456, 166.813
Yxy	20.7821, 0.2663, 0.3845
Android (android.graphics.Color)	4282485617 (0xFF418B71)
YUV	113.9100, -0.4486, -42.8941
Hunter-Lab	45.5865, -23.4178, 7.3612

Details

The HunterLab color $[45.5865, -23.4178, 7.3612]$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $[31.6630, 25.9209, 1.4293]$, and the grayscale version is $[40.9985, -2.1876, 2.2275]$.

A 20% lighter version of the original color is $[66.8641, -28.0274, 9.1457]$, and $[27.1313, -18.2432, 5.4701]$ is the 20% darker color. If you saturate the color by 10%, you get $[45.0085, -25.9531, 8.5475]$, and if you desaturate by 10%, it is $[46.2918, -20.4236, 6.2609]$.

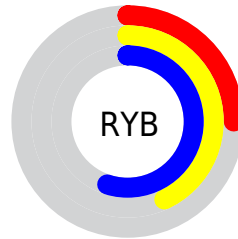
Distribution



Red (25%)

Green (55%)

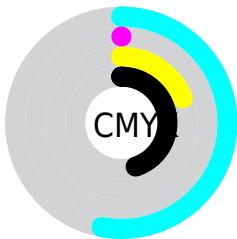
Blue (44%)



Red (25%)

Yellow (43%)

Blue (55%)

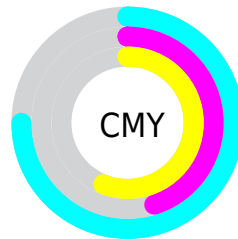


Cyan (53%)

Magenta (0%)

Yellow (19%)

Black (45%)



Cyan (75%)

Magenta (45%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.5865, -23.4178, 7.3612 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 45.5865, -23.4178, 7.3612 by changing the saturation by 10% instead.

■ 45.5865, -23.4178,
7.3612

■ 45.5865, -23.4178,
7.3612

160.0370,
-42.3476, 16.3827

■ 36.0067, -20.9799,
6.4253

■ 66.8765, -27.9751,
9.2606

■ 27.2109, -18.3814,
5.4902

■ 78.4976, -30.1425,
10.2292

■ 19.2775, -15.5518,
4.5453

■ 90.7232, -32.2573,
11.2130

■ 12.3131, -12.6540,
3.5695

■ 103.5250,
-34.3303, 12.2128

■ 5.4776, -9.5857,
3.8343

■ 116.8779,
-36.3699, 13.2293

0.0000, NaN, NaN

130.7602,

0.0000, NaN, NaN

-38.3826, 14.2631

0.0000, NaN, NaN

145.1524,
-40.3738, 15.3141

0.0000, NaN, NaN

■ 45.5865, -23.4178,
7.3612

■ 45.5865, -23.4178,
7.3612

■ 45.0085, -25.9531,
8.5475

■ 46.2918, -20.4236,
6.2609

■ 44.5499, -28.0261,
9.8015

■ 47.1244, -16.9836,
5.2592

■ 44.2042, -29.6500,
11.1045

■ 48.0861, -13.1228,
4.3676

■ 43.9604, -30.8562,
12.4349

■ 49.1762, -8.8728,
3.5943

■ 43.8257, -31.5449,
13.3181

■ 50.3925, -4.2701,
2.9443

■ 51.7318, 0.6464,
2.4199

■ 53.1900, 5.8374,
2.0210

■ 54.7625, 11.2648,
1.7455

■ 56.4442, 16.8929,
1.5895

Harmonies

Analogous

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



45.5874, -18.5607, 15.4428



45.5865, -23.4178, 7.3612



45.5874, -23.1012, -4.5845

Triad

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



45.5874, -23.4183, 7.3617



45.5874, 4.6744, -25.0325



45.5874, 15.0713, 16.1230

Complementary

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



45.5865, -23.4178, 7.3612



31.6630, 25.9209, 1.4293

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.



45.5874, 22.7284, 8.5709



45.5865, -23.4178, 7.3612



45.5874, 16.3000, -15.9462

Square

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



45.5874, -23.4183, 7.3617



45.5874, -7.7514, -25.6118



45.5874, 23.2007, -3.0062



45.5874, 3.1371, 19.5110

Rectangle

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



45.5865, -23.4178, 7.3612



45.5874, -20.0082, -13.3225



45.5874, 23.2007, -3.0062



45.5874, 18.2839, 14.0949

Sweetspot

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



45.5874, -23.4183, 7.3617



65.3351, -13.6960, 5.1144



45.9673, -23.6923, 21.4591



31.2352, -7.0694, 2.5429



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



45.5874, -23.4183, 7.3617



60.0844, -35.3802, 11.7930



43.2716, -15.0507, -7.0692



23.7892, -3.3680, 1.5872



41.6386, -29.9434, 12.5945



3.4346, -2.1916, 0.4381

Inverse Universe

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



31.6630, 25.9209, 1.4293



38.3004, 42.7958, 3.2870



32.9928, 18.5975, 11.6678



22.5294, 0.9866, 0.9835



22.7068, 39.7755, 7.7783



1.9193, 3.4915, -0.3458

Previews

White Background



This preview shows how the HunterLab color 45.5865, -23.4178, 7.3612 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 45.5865, -23.4178, 7.3612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

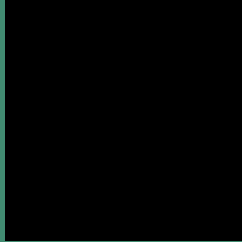
Any Text WCAG AA ✓ Pass

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 45.5865, -23.4178, 7.3612 Background



This preview shows how black text looks on a background with the HunterLab color 45.5865, -23.4178, 7.3612.



This preview shows how white text looks on a background with the HunterLab color 45.5865,

-23.4178, 7.3612.

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

45.5865, -23.4178, 7.3612

Protanopia

45.4020, -2.9814, 10.1176

Deuteranopia

45.3151, 2.8817, 5.9536



Tritanopia

45.6817, -14.7800, -6.8780

Trichromacy



Original Color

45.5865, -23.4178, 7.3612

Protanomaly

45.0084, -11.6322, 8.4715

Deuteranomaly

44.9555, -8.4658, 5.7617

Tritanomaly

45.4328, -18.0741, -1.2794

Monochromacy



Original Color

45.5865, -23.4178, 7.3612

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

42.2701, -10.8661, 3.5269

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.5865, -23.4178, 7.3612 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(65, 139, 113)` looks like.

```
.text, #text, p{  
    color:rgb(65, 139, 113)  
}
```

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(65, 139, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 139, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 45.5865, -23.4178, 7.3612 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(65, 139, 113) }
```


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

```
.border{ border-color:rgb(65, 139, 113) }
```

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

Here you see how a box with a 4 pixel rgb(65, 139, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 139, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 139, 113);  
box-shadow:4px 4px 4px 4px rgb(65, 139,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.5865, -23.4178, 7.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 139, 113) }
```

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

```
.background{ background-color: rgb(65, 139,  
113) }
```

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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