

# Converting Colors

HunterLab(42.9170, -24.1128,  
12.1150)

Have a look what the booklet for  
HunterLab(42.9170, -24.1128,  
12.1150) contains.

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# Color

**HunterLab(42.8159,  
-23.9285, 11.9430)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F845C
RGB	63, 132, 92
RGB Percent	25%, 52%, 36%
CMY	0.7529, 0.4823, 0.6392
CMYK	0.52, 0.00, 0.30, 0.48
HSL	145°, 35%, 38%
HSV	145°, 52%, 52%
XYZ	12.2330, 18.3320, 13.0189
YIQ	106.8090, -28.2840, -27.0680

# Conversions

## Conversions Part 2

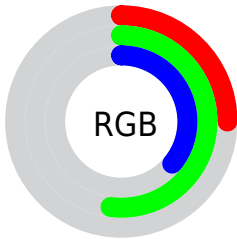
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 112, 132
Decimal	4162652
CIELab	49.90, -31.59, 15.08
CIElCh	50, 35.008, 154.475
Yxy	18.3328, 0.2807, 0.4206
Android (android.graphics.Color)	4282352732 (0xFF3F845C)
YUV	106.8090, -7.3008, -38.4205
Hunter-Lab	42.8159, -23.9285, 11.9430

# Details

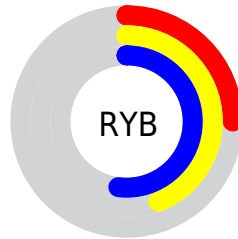
The HunterLab color  $42.8159, -23.9285, 11.9430$  is a dark color, and the websafe version is hex  $669966$ . A complement of this color would be  $30.7250, 26.0670, -5.3743$ , and the grayscale version is  $38.3069, -2.0440, 2.0813$ .

A 20% lighter version of the original color is  $63.8622, -28.9019, 15.0866$ , and  $24.9766, -18.5316, 8.9302$  is the 20% darker color. If you saturate the color by 10%, you get  $42.2159, -26.6433, 13.6662$ , and if you desaturate by 10%, it is  $43.5447, -20.7336, 10.1723$ .

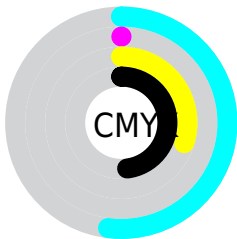
# Distribution



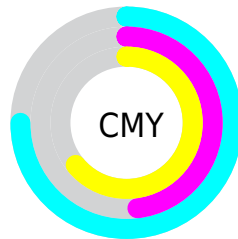
- Red (25%)
- Green (52%)
- Blue (36%)



- Red (25%)
- Yellow (44%)
- Blue (52%)



- Cyan (52%)
- Magenta (0%)
- Yellow (30%)
- Black (48%)



- Cyan (75%)
- Magenta (48%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8159, -23.9285, 11.9430 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 42.8159, -23.9285, 11.9430 by changing the saturation by 10% instead.



■ 42.8159, -23.9285,  
11.9430

■ 42.8159, -23.9285,  
11.9430

155.8012,  
-43.8769, 24.4824

■ 33.4502, -21.3108,  
10.4566

■ 63.7209, -28.7822,  
14.8017

■ 24.8882, -18.4993,  
8.9029

■ 75.1661, -31.0762,  
16.1982

■ 17.2149, -15.4049,  
7.2434

■ 87.2248, -33.3072,  
17.5835

■ 10.5486, -13.8873,  
6.6062

■ 99.8672, -35.4881,  
18.9626

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 113.0674,  
-37.6286, 20.3395

0.0000, NaN, NaN

126.8028,

0.0000, NaN, NaN

-39.7364, 21.7169

0.0000, NaN, NaN

141.0534,  
-41.8175, 23.0973

■ 42.8159, -23.9285,  
11.9430

■ 42.8159, -23.9285,  
11.9430

■ 42.2159, -26.6433,  
13.6662

■ 43.5447, -20.7336,  
10.1723

■ 41.7382, -28.8674,  
15.3194

■ 44.4016, -17.0788,  
8.3740

■ 41.3768, -30.6076,  
16.8824

■ 45.3874, -12.9959,  
6.5684

■ 41.1220, -31.8890,  
18.3355

■ 46.5006, -8.5232,  
4.7739

■ 40.9679, -32.6861,  
19.3537

■ 47.7382, -3.7026,  
3.0063

■ 49.0964, 1.4227,  
1.2793

■ 50.5704, 6.8099,  
-0.3966

■ 52.1552, 12.4189,  
-2.0134

■ 53.8453, 18.2126,  
-3.5652

# Harmonies

## Analogous

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



42.8168, -16.4546, 18.4967



42.8159, -23.9285, 11.9430



42.8168, -25.9090, 0.2887

# Triad

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



42.8168, -23.9291, 11.9434



42.8168, -0.1709, -31.7683



42.8168, 22.1813, 14.4177

# Complementary

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



42.8159, -23.9285, 11.9430



30.7250, 26.0670, -5.3743

# 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.



42.8168, 27.9158, 4.2767



42.8159, -23.9285, 11.9430



42.8168, 14.0023, -24.5359

# Square

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



42.8168, -23.9291, 11.9434



42.8168, -13.2569, -27.7315



42.8168, 24.7468, -10.2057



42.8168, 9.9125, 19.5708



# Rectangle

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



42.8159, -23.9285, 11.9430



42.8168, -24.0932, -9.6638



42.8168, 24.7468, -10.2057



42.8168, 25.0038, 11.6224

# Sweetspot

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



42.8168, -23.9291, 11.9434



61.0913, -13.7957, 7.3055



44.4529, -18.4785, 20.7956



29.3537, -7.1539, 3.7244



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.



42.8168, -23.9291, 11.9434



55.8797, -36.0453, 18.6145



43.6726, -18.8631, -0.3328



22.8797, -3.4382, 2.0573



40.3127, -32.1544, 19.0248



2.4022, -1.7108, 0.6907



# Inverse Universe

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



30.7250, 26.0670, -5.3743



37.0355, 42.6300, -7.8229



29.8120, 21.8361, 7.6351



21.7499, 1.1444, 0.3969



22.9416, 41.5260, -2.5224



1.4034, 2.6342, -0.8826



# Previews

## White Background



This preview shows how the HunterLab color 42.8159, -23.9285, 11.9430 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 42.8159, -23.9285, 11.9430 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

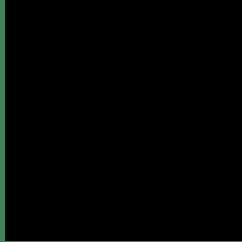
Any Text WCAG AA ✓ Pass

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 42.8159, -23.9285, 11.9430 Background



This preview shows how black text looks on a background with the HunterLab color 42.8159, -23.9285, 11.9430.



This preview shows how white text looks on a background with the HunterLab color 42.8159,

-23.9285, 11.9430.

# 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

42.8159, -23.9285, 11.9430

### Protanopia

42.5920, -3.6651, 13.9251

### Deuteranopia

42.3947, 2.9988, 10.6994



## Tritanopia

42.6892, -12.4961, -6.7842

# Trichromacy



## Original Color

42.8159, -23.9285, 11.9430

## Protanomaly

42.2061, -12.3111, 12.8221

## Deuteranomaly

41.9215, -8.5889, 10.3695

## Tritanomaly

42.6127, -16.8958, 0.7932

# Monochromacy



## Original Color

42.8159, -23.9285, 11.9430

## Achromatopsia

38.3441, -2.0459, 2.0833

## Achromatomaly

39.5907, -10.8606, 5.3804

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.8159, -23.9285, 11.9430 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(63, 132, 92)` looks like.

```
.text, #text, p{  
    color:rgb(63, 132, 92)  
}
```

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(63, 132, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 132, 92) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.8159, -23.9285, 11.9430 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(63, 132, 92) }
```



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

```
.border{ border-color:rgb(63, 132, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 132, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 132, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 132, 92);  
box-shadow:4px 4px 4px 4px rgb(63, 132,  
92) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.8159, -23.9285, 11.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 132, 92) }
```

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

```
.background{ background-color: rgb(63, 132,  
92) }
```

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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