

Converting Colors

HunterLab(41.3860, -4.4851,
-23.2384)

Have a look what the booklet for
HunterLab(41.3860, -4.4851,
-23.2384) contains.

HunterLab(41.4488, -4.5315, -23.4347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

HunterLab(41.4488, -4.5315,
-23.4347)

Conversions

Conversions Part 1

Format	Color
Hex	4877A2
RGB	72, 119, 162
RGB Percent	28%, 47%, 64%
CMY	0.7176, 0.5333, 0.3647
CMYK	0.56, 0.27, 0.00, 0.36
HSL	209°, 38%, 46%
HSV	209°, 56%, 64%
XYZ	15.7909, 17.1800, 36.6663
YIQ	109.8490, -41.8150, 3.4090

Conversions

Conversions Part 2

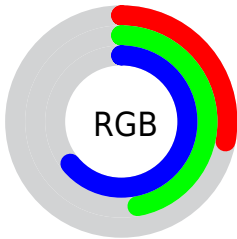
Format	Color
R_{YB}	72, 103, 162
Decimal	4749218
CIE _{Lab}	48.49, -3.09, -27.96
CIE _{LCh}	48, 28.131, 263.698
Yxy	17.1806, 0.2268, 0.2467
Android (android.graphics.Color)	4282939298 (0xFF4877A2)
YUV	109.8490, 25.7104, -33.1936
Hunter-Lab	41.4488, -4.5315, -23.4347

Details

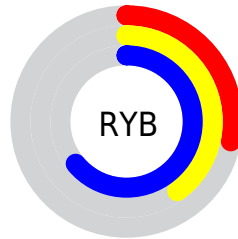
The HunterLab color $41.4488, -4.5315, -23.4347$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $45.1792, 8.6526, 19.9440$, and the grayscale version is $39.3472, -2.0995, 2.1378$.

A 20% lighter version of the original color is $62.1672, -5.8865, -24.4034$, and $23.7731, -3.2703, -22.1993$ is the 20% darker color. If you saturate the color by 10%, you get $38.5615, -3.3497, -28.8548$, and if you desaturate by 10%, it is $44.5034, -5.1964, -18.2084$.

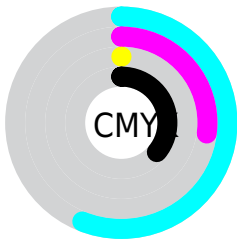
Distribution



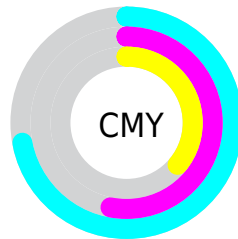
- Red (28%)
- Green (47%)
- Blue (64%)



- Red (28%)
- Yellow (40%)
- Blue (64%)



- Cyan (56%)
- Magenta (27%)
- Yellow (0%)
- Black (36%)



- Cyan (72%)
- Magenta (53%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.4488, -4.5315, -23.4347 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 41.4488, -4.5315, -23.4347 by changing the saturation by 10% instead.

■ 41.4488, -4.5315,
-23.4347

■ 41.4488, -4.5315,
-23.4347

153.6917,
-11.8193, -26.2751

■ 32.1922, -3.8454,
-22.8752

■ 62.1580, -5.9797,
-24.4428

■ 23.7498, -3.1838,
-22.3298

■ 73.5140, -6.7417,
-24.8688

■ 16.2104, -2.5443,
-21.9111

■ 85.4881, -7.5287,
-25.2383

■ 9.6987, -1.9245,
-21.9695

■ 98.0497, -8.3400,
-25.5515

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.1727, -9.1752,
-25.8099

0.0000, NaN, NaN

124.8340,

0.0000, NaN, NaN

-10.0339, -26.0152

0.0000, NaN, NaN

139.0130,
-10.9154, -26.1696

■ 41.4488, -4.5315,
-23.4347

■ 41.4488, -4.5315,
-23.4347

■ 38.5615, -3.3497,
-28.8548

■ 44.5034, -5.1964,
-18.2084

■ 35.8559, -1.5964,
-34.4571

■ 47.7072, -5.4027,
-13.1796

■ 33.3490, 0.7698,
-40.2094

■ 51.0464, -5.2060,
-8.3396

■ 31.0506, 3.7517,
-46.0720

■ 54.5080, -4.6571,
-3.6755

■ 30.0711, 5.1837,
-48.7763

■ 58.0808, -3.8009,
0.8282

■ 61.7549, -2.6762,
5.1878

■ 65.5216, -1.3164,
9.4193

■ 69.3734, 0.2503,
13.5376

■ 73.3039, 1.9996,
17.5566

Harmonies

Analogous

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



41.4495, -14.1121, -17.6766



41.4488, -4.5315, -23.4347



41.4495, 6.7213, -20.9828

Triad

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



41.4495, -4.5314, -23.4338



41.4495, 19.2042, 9.6174



41.4495, -18.0554, 12.5695

Complementary

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



41.4488, -4.5315, -23.4347



45.1792, 8.6526, 19.9440

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.



41.4495, -10.4509, 16.8780



41.4488, -4.5315, -23.4347



41.4495, 11.1991, 15.5139

Square

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



41.4495, -4.5314, -23.4338



41.4495, 21.2142, -0.0356



41.4495, 0.1558, 17.7927



41.4495, -21.3725, 4.4242

Rectangle

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



41.4488, -4.5315, -23.4347



41.4495, 13.5919, -15.2778



41.4495, 0.1558, 17.7927



41.4495, -15.9570, 14.4181

Sweetspot

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



41.4495, -4.5314, -23.4338



72.6056, -6.4376, -6.0488



53.3233, -30.9495, 14.6139



33.9876, -3.1263, -3.4252



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



41.4495, -4.5314, -23.4338



50.9388, -3.9491, -40.9109



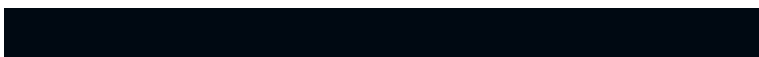
30.0321, 17.0487, -48.6801



27.2823, -1.9967, -0.3987



26.8529, 4.2961, -42.8378



4.9552, -1.1379, -3.7372

Inverse Universe

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



36.9442, 34.6276, -4.6390



45.0738, 56.7855, -5.8851



57.3986, -11.9150, 28.8264



26.7299, 1.4441, 0.6328



25.6360, 45.9326, 0.8279



3.8417, 7.1107, -1.6394

Previews

White Background



This preview shows how the HunterLab color 41.4488, -4.5315, -23.4347 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 41.4488, -4.5315, -23.4347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

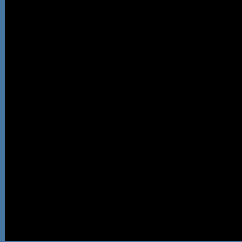
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.4488, -4.5315, -23.4347 Background



This preview shows how black text looks on a background with the HunterLab color 41.4488, -4.5315, -23.4347.

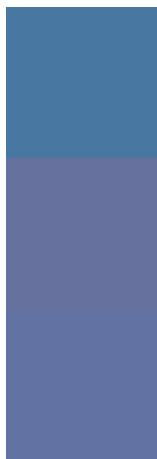


This preview shows how white text looks on a background with the HunterLab color 41.4488, -4.5315, -23.4347.

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

41.4488, -4.5315, -23.4347

Protanopia

41.3151, 3.1788, -20.2624

Deuteranopia

41.4974, 2.9045, -23.8858



Tritanopia

41.3868, -14.4812, -7.0621

Trichromacy



Original Color

41.4488, -4.5315, -23.4347

Protanomaly

41.2175, 0.2054, -21.7814

Deuteranomaly

41.4847, 0.0360, -23.9589

Tritanomaly

41.2995, -11.0149, -12.6236

Monochromacy



Original Color

41.4488, -4.5315, -23.4347

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.8523, -3.9379, -6.4110

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.4488, -4.5315, -23.4347 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, 119, 162)` looks like.

```
.text, #text, p{  
    color:rgb(72, 119, 162)  
}
```

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, 119, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 119, 162) }
```

Border

The CSS property to change the border of an element to HunterLab 41.4488, -4.5315, -23.4347 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, 119, 162) }
```


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

```
.border{ border-color:rgb(72, 119, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 119, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 119, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 119, 162);  
box-shadow:4px 4px 4px 4px rgb(72, 119,  
162) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.4488, -4.5315, -23.4347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 119, 162) }
```

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

```
.background{ background-color: rgb(72, 119,  
162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor