

Converting Colors

HunterLab(48.3640, -1.7424,
-28.5538)

Have a look what the booklet for
HunterLab(48.3640, -1.7424,
-28.5538) contains.

HunterLab(48.3649, -1.7443, -28.5523)	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(48.3649, -1.7443,
-28.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	5F87BC
RGB	95, 135, 188
RGB Percent	37%, 53%, 74%
CMY	0.6274, 0.4706, 0.2627
CMYK	0.49, 0.28, 0.00, 0.26
HSL	214°, 41%, 55%
HSV	214°, 49%, 74%
XYZ	22.4604, 23.3916, 50.9081
YIQ	129.0820, -40.8530, 8.0030

Conversions

Conversions Part 2

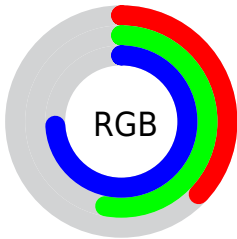
Format	Color
R _Y B	95, 123, 188
Decimal	6260668
CIE Lab	55.47, 1.05, -32.00
CIE LCh	55, 32.015, 271.873
Yxy	23.3925, 0.2321, 0.2418
Android (android.graphics.Color)	4284450748 (0xFF5F87BC)
YUV	129.0820, 29.0466, -29.8899
Hunter-Lab	48.3649, -1.7443, -28.5523

Details

The HunterLab color $48.3649, -1.7443, -28.5523$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $57.1826, 4.1766, 24.0822$, and the grayscale version is $46.7878, -2.4965, 2.5421$.

A 20% lighter version of the original color is $69.9872, -2.8863, -29.4309$, and $29.6460, -1.1220, -26.8588$ is the 20% darker color. If you saturate the color by 10%, you get $44.3433, 0.1608, -36.2872$, and if you desaturate by 10%, it is $52.5980, -3.0431, -21.2732$.

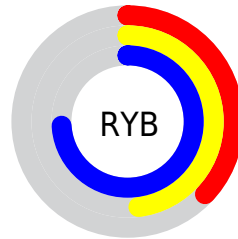
Distribution



Red (37%)

Green (53%)

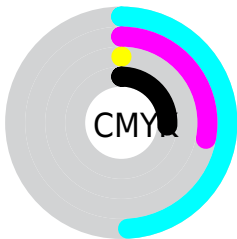
Blue (74%)



Red (37%)

Yellow (48%)

Blue (74%)

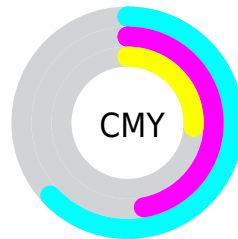


Cyan (49%)

Magenta (28%)

Yellow (0%)

Black (26%)



Cyan (63%)

Magenta (47%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3649, -1.7443, -28.5523 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 48.3649, -1.7443, -28.5523 by changing the saturation by 10% instead.

■ 48.3649, -1.7443,
-28.5523

■ 48.3649, -1.7443,
-28.5523

164.2360, -7.5134,
-31.9802

■ 38.5792, -1.2821,
-27.9514

■ 70.0264, -2.7918,
-29.6635

■ 29.5596, -0.8659,
-27.3676

■ 81.8177, -3.3713,
-30.1500

■ 21.3787, -0.5012,
-26.8908

■ 94.2053, -3.9852,
-30.5843

■ 14.1334, -0.1958,
-26.7580

■ 107.1618, -4.6314,
-30.9657

■ 7.7849, 0.1699,
-28.6363

120.6631, -5.3087,
-31.2946

0.0000, NaN, -NF

0.0000, NaN, -NF

134.6882, -6.0155,

-31.5723

0.0000, NaN, NaN

149.2181, -6.7508,
-31.8003

0.0000, NaN, NaN

■ 48.3649, -1.7443,
-28.5523

■ 48.3649, -1.7443,
-28.5523

■ 44.3433, 0.1608,
-36.2872

■ 52.5980, -3.0431,
-21.2732

■ 40.5602, 2.7648,
-44.5060

■ 57.0148, -3.8227,
-14.4106

■ 37.0501, 6.1539,
-53.1986

■ 61.5949, -4.1596,
-7.9153

■ 33.8482, 10.3839,
-62.2995

■ 66.3207, -4.1195,
-1.7393

■ 30.9621, 15.3686,
-71.7593

■ 71.1772, -3.7571,
4.1618

■ 30.8136, 15.6438,
-72.2848

■ 76.1521, -3.1180,
9.8276

■ 81.2350, -2.2397,
15.2928

■ 86.4170, -1.1537,
20.5871

■ 90.7102, -3.2598,
24.7406

Harmonies

Analogous

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



48.3658, -14.0619, -24.1210



48.3649, -1.7443, -28.5523



48.3658, 11.6795, -22.9277

Triad

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



48.3658, -1.7443, -28.5512



48.3658, 21.1146, 13.8003



48.3658, -23.1393, 12.7572

Complementary

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



48.3649, -1.7443, -28.5523



57.1826, 4.1766, 24.0822

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.



48.3658, -15.3636, 19.0744



48.3649, -1.7443, -28.5523



48.3658, 10.0770, 19.5523

Square

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



48.3658, -1.7443, -28.5512



48.3658, 25.7320, 3.4213



48.3658, -3.4165, 21.1859



48.3658, -25.5875, 1.8305

Rectangle

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



48.3649, -1.7443, -28.5523



48.3658, 19.2301, -14.9307



48.3658, -3.4165, 21.1859



48.3658, -21.1066, 15.3762

Sweetspot

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



48.3658, -1.7443, -28.5512



85.5833, -5.6344, -7.0980



63.6620, -32.8305, 12.6756



39.0687, -2.6099, -4.1116



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



48.3658, -1.7443, -28.5512



59.4337, 0.3684, -49.3884



38.2028, 19.8629, -49.9510



31.4357, -1.9500, -0.7922



25.7025, 12.2965, -58.6704



6.2355, 0.1970, -8.2191

Inverse Universe

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



45.4158, 35.3086, -1.3219



55.8459, 58.0701, -1.1039



68.3476, -16.9872, 32.4255



30.9882, 1.6217, 1.0515



27.7427, 49.0145, 6.2658



5.6090, 10.1311, -0.4491

Previews

White Background



This preview shows how the HunterLab color 48.3649, -1.7443, -28.5523 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 48.3649, -1.7443, -28.5523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

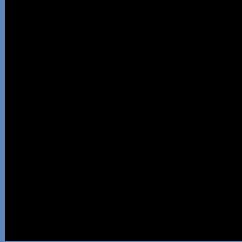
Any Text WCAG AA ✓ Pass

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 48.3649, -1.7443, -28.5523 Background



This preview shows how black text looks on a background with the HunterLab color 48.3649, -1.7443, -28.5523.

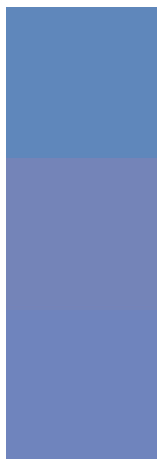


This preview shows how white text looks on a background with the HunterLab color 48.3649, -1.7443,

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

48.3649, -1.7443, -28.5523

Protanopia

48.3801, 3.7749, -25.6958

Deuteranopia

48.2558, 3.8008, -29.3512



Tritanopia

48.5085, -14.6838, -7.2016

Trichromacy



Original Color

48.3649, -1.7443, -28.5523

Protanomaly

48.1596, 1.6823, -26.8017

Deuteranomaly

48.1455, 1.9904, -29.5864

Tritanomaly

48.2629, -9.9724, -14.7543

Monochromacy



Original Color

48.3649, -1.7443, -28.5523

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.1344, -3.1185, -7.3060

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.3649, -1.7443, -28.5523 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(95, 135, 188)` looks like.

```
.text, #text, p{  
    color:rgb(95, 135, 188)  
}
```

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(95, 135, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 135, 188) }
```

Border

The CSS property to change the border of an element to HunterLab 48.3649, -1.7443, -28.5523 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(95, 135, 188) }
```


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

```
.border{ border-color:rgb(95, 135, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 135, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 135, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 135, 188);  
box-shadow:4px 4px 4px 4px rgb(95, 135,  
188) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.3649, -1.7443, -28.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 135, 188) }
```

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

```
.background{ background-color: rgb(95, 135,  
188) }
```

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