

Converting Colors

HunterLab(48.6243, -12.0246,
-18.6818)

Have a look what the booklet for
HunterLab(48.6243, -12.0246,
-18.6818) contains.

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Color

**HunterLab(48.7643,
-12.2620, -18.2351)**

Conversions

Conversions Part 1

Format	Color
Hex	498EAD
RGB	73, 142, 173
RGB Percent	29%, 56%, 68%
CMY	0.7137, 0.4431, 0.3216
CMYK	0.58, 0.18, 0.00, 0.32
HSL	199°, 41%, 48%
HSV	199°, 58%, 68%
XYZ	19.9635, 23.7796, 43.0729
YIQ	124.9030, -51.0750, -4.9870

Conversions

Conversions Part 2

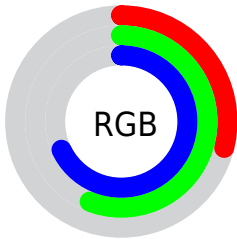
Format	Color
R_{YB}	73, 114, 173
Decimal	4820653
CIE _{Lab}	55.87, -12.56, -22.91
CIE _{LCh}	56, 26.124, 241.276
Yxy	23.7804, 0.2300, 0.2739
Android (android.graphics.Color)	4283010733 (0xFF498EAD)
YUV	124.9030, 23.7118, -45.5189
Hunter-Lab	48.7643, -12.2620, -18.2351

Details

The HunterLab color $48.7643, -12.2620, -18.2351$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $43.8940, 18.2925, 18.8521$, and the grayscale version is $45.1734, -2.4103, 2.4544$.

A 20% lighter version of the original color is $70.5720, -14.9016, -19.0528$, and $30.0579, -9.3786, -17.3240$ is the 20% darker color. If you saturate the color by 10%, you get $46.5170, -12.1345, -21.9405$, and if you desaturate by 10%, it is $51.1735, -11.8393, -14.4806$.

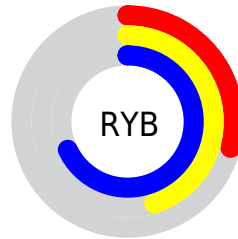
Distribution



Red (29%)

Green (56%)

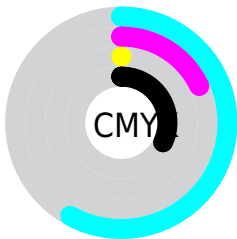
Blue (68%)



Red (29%)

Yellow (45%)

Blue (68%)

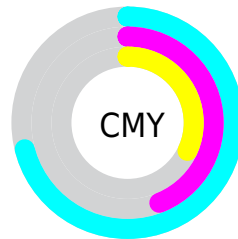


Cyan (58%)

Magenta (18%)

Yellow (0%)

Black (32%)



Cyan (71%)

Magenta (44%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7643, -12.2620, -18.2351 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 48.7643, -12.2620, -18.2351 by changing the saturation by 10% instead.

■ 48.7643, -12.2620,
-18.2351

■ 48.7643, -12.2620,
-18.2351

164.8359,
-23.6312, -19.4429

■ 38.9498, -10.9814,
-17.8095

■ 70.4781, -14.7811,
-18.8988

■ 29.8988, -9.6720,
-17.3312

■ 82.2934, -16.0328,
-19.1388

■ 21.6833, -8.3145,
-16.8244

■ 94.7039, -17.2850,
-19.3203

■ 14.3990, -6.8741,
-16.3656

■ 107.6822,
-18.5405, -19.4460

■ 8.0594, -7.2186,
-16.6534

■ 121.2045,
-19.8014, -19.5185

0.0000, NaN, -NF

0.0000, NaN, NaN

135.2497,

-21.0694, -19.5406

0.0000, NaN, NaN

149.7992,
-22.3457, -19.5147

0.0000, NaN, NaN

■ 48.7643, -12.2620,
-18.2351

■ 48.7643, -12.2620,
-18.2351

■ 46.5170, -12.1345,
-21.9405

■ 51.1735, -11.8393,
-14.4806

■ 44.4340, -11.4330,
-25.5740

■ 53.7347, -10.9021,
-10.7028

■ 42.5173, -10.1541,
-29.1109

■ 56.4401, -9.4921,
-6.9200

■ 40.7521, -8.3589,
-32.5552

■ 59.2808, -7.6529,
-3.1472

■ 40.3723, -7.9393,
-33.3231

■ 62.2478, -5.4274,
0.6047

■ 65.3324, -2.8561,
4.3284

■ 68.5265, 0.0240,
8.0195

■ 71.8225, 3.1794,
11.6754

■ 75.2134, 6.5804,
15.2958

Harmonies

Analogous

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



48.7652, -19.2359, -8.8555



48.7643, -12.2620, -18.2351



48.7652, -2.1378, -21.7430

Triad

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



48.7652, -12.2620, -18.2342



48.7652, 20.1357, 3.0956



48.7652, -13.0025, 16.7901

Complementary

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



48.7643, -12.2620, -18.2351



43.8940, 18.2925, 18.8521

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.



48.7652, -3.0697, 18.6600



48.7643, -12.2620, -18.2351



48.7652, 16.6056, 11.9015

Square

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



48.7652, -12.2620, -18.2342



48.7652, 17.1421, -7.9174



48.7652, 7.8683, 17.0863



48.7652, -19.6363, 11.2870

Rectangle

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



48.7643, -12.2620, -18.2351



48.7652, 5.2253, -19.7841



48.7652, 7.8683, 17.0863



48.7652, -9.9697, 17.8024

Sweetspot

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



48.7652, -12.2620, -18.2342



79.5291, -10.1034, -3.9581



56.8186, -36.1607, 20.9872



36.7271, -4.9524, -2.2966



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



48.7652, -12.2620, -18.2342



61.5610, -16.0842, -30.5417



35.0189, 11.1266, -45.1639



29.4054, -2.7530, 0.0199



34.7549, -7.0343, -28.2557



6.5375, -2.2387, -3.3386

Inverse Universe

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



39.5008, 41.5834, -13.3450



48.3609, 66.3444, -19.6508



56.6996, -5.3206, 28.2527



28.4696, 1.7777, 0.1011



27.4271, 50.5997, -10.4164



4.6743, 8.7947, -3.1023

Previews

White Background



This preview shows how the HunterLab color 48.7643, -12.2620, -18.2351 looks on a white background.

Color Contrast Check

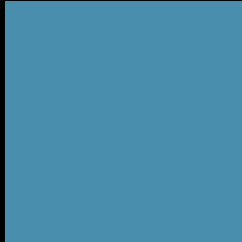
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.7643, -12.2620, -18.2351 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

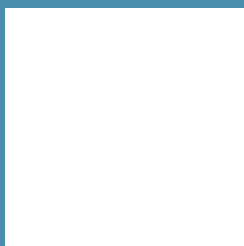
Any Text WCAG AAA × Fail

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

HunterLab 48.7643, -12.2620, -18.2351 Background



This preview shows how black text looks on a background with the HunterLab color 48.7643, -12.2620, -18.2351.



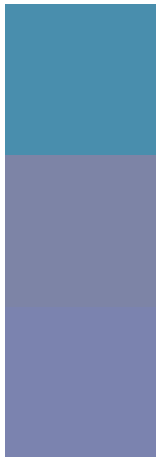
This preview shows how white text looks on a background with the HunterLab color 48.7643, -12.2620, -18.2351.

-12.2620, -18.2351.

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

48.7643, -12.2620, -18.2351

Protanopia

48.5960, 1.6126, -14.0425

Deuteranopia

48.5167, 3.4782, -19.6067



Tritanopia

48.8297, -17.9776, -8.9577

Trichromacy



Original Color

48.7643, -12.2620, -18.2351

Protanomaly

48.5150, -4.2904, -16.0531

Deuteranomaly

48.3603, -2.9490, -19.3469

Tritanomaly

48.8427, -15.8973, -12.2436

Monochromacy



Original Color

48.7643, -12.2620, -18.2351

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

46.0975, -7.3203, -4.6382

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7643, -12.2620, -18.2351 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(73, 142, 173)` looks like.

```
.text, #text, p{  
    color:rgb(73, 142, 173)  
}
```

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(73, 142, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 142, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7643, -12.2620, -18.2351 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(73, 142, 173) }
```


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

```
.border{ border-color:rgb(73, 142, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 142, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 142, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 142, 173);  
box-shadow:4px 4px 4px 4px rgb(73, 142,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7643, -12.2620, -18.2351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 142, 173) }
```

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

```
.background{ background-color: rgb(73, 142,  
173) }
```

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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