

Converting Colors

HunterLab(47.9225, -2.3656,
-41.9193)

Have a look what the booklet for
HunterLab(47.9225, -2.3656,
-41.9193) contains.

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Color

HunterLab(47.7763, -2.1684,
-42.2752)

Conversions

Conversions Part 1

Format	Color
Hex	4087CD
RGB	64, 135, 205
RGB Percent	25%, 53%, 80%
CMY	0.7490, 0.4706, 0.1961
CMYK	0.69, 0.34, 0.00, 0.20
HSL	210°, 59%, 53%
HSV	210°, 69%, 80%
XYZ	21.7978, 22.8257, 61.0146
YIQ	121.7510, -64.7860, 6.7180

Conversions

Conversions Part 2

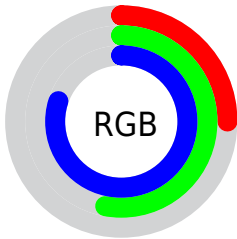
Format	Color
R _Y B	64, 111, 205
Decimal	4229069
CIE Lab	54.89, 0.48, -42.66
CIE LCh	55, 42.661, 270.647
Yxy	22.8265, 0.2063, 0.2161
Android (android.graphics.Color)	4282419149 (0xFF4087CD)
YUV	121.7510, 41.0418, -50.6476
Hunter-Lab	47.7763, -2.1684, -42.2752

Details

The HunterLab color $47.7763, -2.1684, -42.2752$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $55.1380, 15.6140, 29.0319$, and the grayscale version is $43.8836, -2.3415, 2.3843$.

A 20% lighter version of the original color is $69.0087, -5.3049, -38.8538$, and $29.7617, 0.8931, -39.1274$ is the 20% darker color. If you saturate the color by 10%, you get $44.2212, 0.7141, -50.1784$, and if you desaturate by 10%, it is $51.5964, -4.2401, -34.6513$.

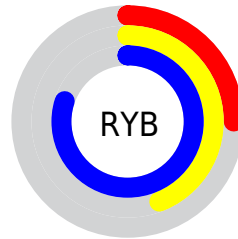
Distribution



Red (25%)

Green (53%)

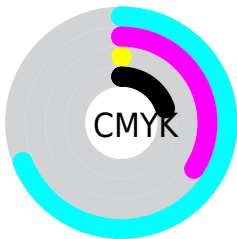
Blue (80%)



Red (25%)

Yellow (44%)

Blue (80%)

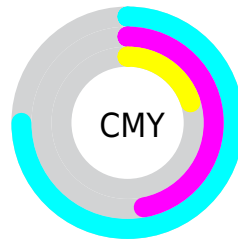


Cyan (69%)

Magenta (34%)

Yellow (0%)

Black (20%)



Cyan (75%)

Magenta (47%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7763, -2.1684, -42.2752 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 47.7763, -2.1684, -42.2752 by changing the saturation by 10% instead.

■ 47.7763, -2.1684,
-42.2752

■ 47.7763, -2.1684,
-42.2752

■ 163.3501, -8.1468,
-47.6225

■ 38.0335, -1.6755,
-41.6665

■ 69.3601, -3.2700,
-43.6469

■ 29.0605, -1.2266,
-41.2370

■ 81.1159, -3.8747,
-44.3290

■ 20.9310, -0.8260,
-41.2193

■ 93.4696, -4.5124,
-44.9826

■ 13.7438, -0.4801,
-42.2005

■ 106.3937, -5.1815,
-45.5987

■ 7.3601, -0.1079,
-48.2530

■ 119.8639, -5.8807,
-46.1725

0.0000, NaN, -NF

0.0000, NaN, -NF

133.8591, -6.6087,

-46.7017

0.0000, NaN, NaN

148.3602, -7.3644,
-47.1850

0.0000, NaN, NaN

■ 47.7763, -2.1684,
-42.2752

■ 47.7763, -2.1684,
-42.2752

■ 44.2212, 0.7141,
-50.1784

■ 51.5964, -4.2401,
-34.6513

■ 40.9524, 4.4521,
-58.3084

■ 55.6538, -5.5772,
-27.3359

■ 37.9726, 8.9883,
-66.6271

■ 59.9249, -6.2626,
-20.3304

■ 37.6201, 9.5693,
-67.6792

■ 64.3878, -6.3779,
-13.6215

■ 69.0230, -5.9979,
-7.1870

■ 73.8137, -5.1884,
-1.0008

■ 78.7452, -4.0061,
4.9642

■ 83.8049, -2.4994,
10.7340

■ 88.9821, -0.7091,
16.3329

Harmonies

Analogous

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



47.7771, -18.0806, -34.9802



47.7763, -2.1684, -42.2752



47.7771, 16.0146, -34.3618

Triad

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



47.7771, -2.1679, -42.2741



47.7771, 30.3044, 16.3078



47.7771, -28.6880, 15.8774

Complementary

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



47.7763, -2.1684, -42.2752



55.1380, 15.6140, 29.0319

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.



47.7771, -18.6551, 22.8771



47.7763, -2.1684, -42.2752



47.7771, 15.2547, 23.0547

Square

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



47.7771, -2.1679, -42.2741



47.7771, 36.3552, 2.9639



47.7771, -2.9346, 24.9346



47.7771, -31.9806, 2.2345

Rectangle

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



47.7763, -2.1684, -42.2752



47.7771, 26.6357, -22.7442



47.7771, -2.9346, 24.9346



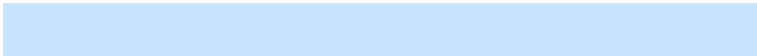
47.7771, -26.0714, 18.8811

Sweetspot

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



47.7771, -2.1679, -42.2741



86.8416, -7.8520, -11.2183



68.1348, -45.5619, 22.1423



39.4063, -3.7044, -6.2505

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7771, -2.1679, -42.2741



54.3402, 3.3016, -69.6834



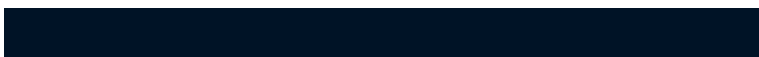
30.7190, 34.0053, -91.9532



34.2956, -2.4490, -0.6416



30.0017, 6.9254, -52.4495



7.8495, -0.2927, -9.1793

Inverse Universe

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



42.8910, 55.5531, -4.2847



50.2123, 81.3963, -1.6655



74.7641, -17.7258, 41.9113



33.6249, 1.9077, 0.8392



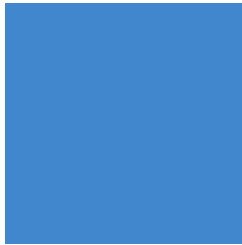
29.5155, 52.6862, 2.4834



6.8172, 12.3775, -1.0425

Previews

White Background



This preview shows how the HunterLab color 47.7763, -2.1684, -42.2752 looks on a white background.

Color Contrast Check

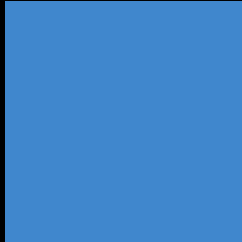
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.7763, -2.1684, -42.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

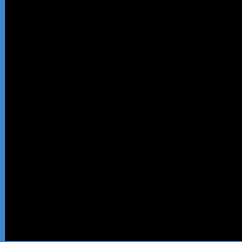
Any Text WCAG AA ✓ Pass

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 47.7763, -2.1684, -42.2752 Background



This preview shows how black text looks on a background with the HunterLab color 47.7763, -2.1684, -42.2752.

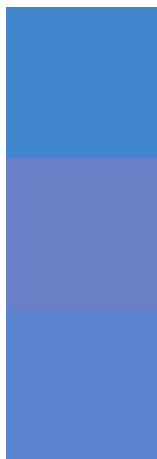


This preview shows how white text looks on a background with the HunterLab color 47.7763, -2.1684,

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

47.7763, -2.1684, -42.2752

Protanopia

47.5668, 6.7151, -37.9216

Deuteranopia

47.7626, 3.7796, -42.9881



Tritanopia

47.8373, -21.8557, -9.8880

Trichromacy



Original Color

47.7763, -2.1684, -42.2752

Protanomaly

47.6170, 2.7893, -39.4144

Deuteranomaly

47.6070, 1.8008, -43.3557

Tritanomaly

47.4941, -15.3140, -20.9926

Monochromacy



Original Color

47.7763, -2.1684, -42.2752

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

44.9583, -4.7343, -11.5552

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7763, -2.1684, -42.2752 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(64, 135, 205)` looks like.

```
.text, #text, p{  
    color:rgb(64, 135, 205)  
}
```

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(64, 135, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 135, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7763, -2.1684, -42.2752 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(64, 135, 205) }
```


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

```
.border{ border-color:rgb(64, 135, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 135, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 135, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 135, 205);  
box-shadow:4px 4px 4px 4px rgb(64, 135,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7763, -2.1684, -42.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 135, 205) }
```

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

```
.background{ background-color: rgb(64, 135,  
205) }
```

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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