

Converting Colors

HunterLab(48.8479, 2.4126,
-62.5228)

Have a look what the booklet for
HunterLab(48.8479, 2.4126,
-62.5228) contains.

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Color

**HunterLab(48.7420, 2.5812,
-62.7853)**

Conversions

Conversions Part 1

Format	Color
Hex	2188E8
RGB	33, 136, 232
RGB Percent	13%, 53%, 91%
CMY	0.8705, 0.4667, 0.0902
CMYK	0.86, 0.41, 0.00, 0.09
HSL	209°, 81%, 52%
HSV	209°, 86%, 91%
XYZ	23.9968, 23.7578, 79.6648
YIQ	116.1470, -92.2040, 8.0200

Conversions

Conversions Part 2

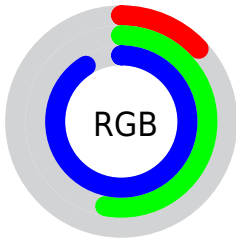
Format	Color
R _Y B	33, 101, 232
Decimal	2197736
CIE Lab	55.85, 6.34, -56.35
CIE LCh	56, 56.704, 276.422
Yxy	23.7585, 0.1883, 0.1865
Android (android.graphics.Color)	4280387816 (0xFF2188E8)
YUV	116.1470, 57.1155, -72.9199
Hunter-Lab	48.7420, 2.5812, -62.7853

Details

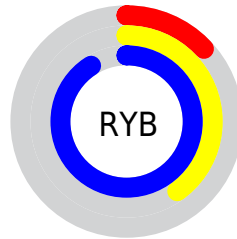
The HunterLab color **48.7420, 2.5812, -62.7853** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **57.4217, 28.2294, 34.3897**, and the grayscale version is **41.6627, -2.2230, 2.2636**.

A 20% lighter version of the original color is **68.6969, -8.0036, -39.4622**, and **31.5452, 8.4245, -57.6148** is the 20% darker color. If you saturate the color by 10%, you get **45.2860, 7.4566, -71.9173**, and if you desaturate by 10%, it is **52.5370, -1.3155, -53.8077**.

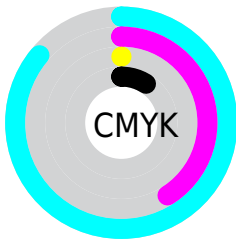
Distribution



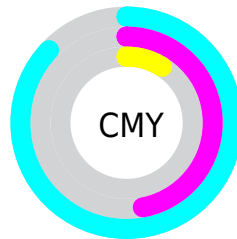
- Red (13%)
- Green (53%)
- Blue (91%)



- Red (13%)
- Yellow (40%)
- Blue (91%)



- Cyan (86%)
- Magenta (41%)
- Yellow (0%)
- Black (9%)



- Cyan (87%)
- Magenta (47%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7420, 2.5812, -62.7853 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 48.7420, 2.5812, -62.7853 by changing the saturation by 10% instead.

■ 48.7420, 2.5812,
-62.7853

■ 48.7420, 2.5812,
-62.7853

■ 164.8021, -1.1068,
-69.3711

■ 38.9289, 2.7479,
-62.4847

■ 70.4527, 2.0743,
-64.0429

■ 29.8797, 2.8439,
-62.6784

■ 82.2667, 1.7433,
-64.8103

■ 21.6662, 2.8584,
-63.8515

■ 94.6758, 1.3665,
-65.6055

■ 14.3840, 2.7732,
-67.1833

■ 107.6529, 0.9472,
-66.4031

■ 8.0443, 3.0059,
-77.7205

■ 121.1740, 0.4880,
-67.1869

0.0000, NaN, -NF

0.0000, NaN, -NF

135.2182, -0.0086,

-67.9469

0.0000, NaN, -NF

149.7665, -0.5408,
-68.6764

0.0000, NaN, NaN

■ 48.7420, 2.5812,
-62.7853

■ 48.7420, 2.5812,
-62.7853

■ 45.2860, 7.4566,
-71.9173

■ 52.5370, -1.3155,
-53.8077

■ 43.9040, 9.7277,
-75.8754

■ 56.6505, -4.2383,
-45.0679

■ 61.0574, -6.2469,
-36.6206

■ 65.7300, -7.4286,
-28.4920

■ 70.6420, -7.8777,
-20.6848

■ 75.7693, -7.6856,
-13.1859

■ 81.0908, -6.9355,
-5.9733

■ 86.5879, -5.7006,
0.9793

■ 92.2444, -4.0438,
7.6995

Harmonies

Analogous

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



48.7427, -19.4755, -55.8921



48.7420, 2.5812, -62.7853



48.7427, 27.4058, -46.4994

Triad

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



48.7427, 2.5823, -62.7841



48.7427, 39.5998, 21.9685



48.7427, -37.6413, 16.9664

Complementary

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



48.7420, 2.5812, -62.7853



57.4217, 28.2294, 34.3897

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.



48.7427, -26.7484, 26.1896



48.7420, 2.5812, -62.7853



48.7427, 16.9304, 27.9660

Square

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



48.7427, 2.5823, -62.7841



48.7427, 51.2498, 7.2433



48.7427, -7.5810, 29.0230



48.7427, -40.0291, -2.4318

Rectangle

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



48.7420, 2.5812, -62.7853



48.7427, 41.3098, -27.8081



48.7427, -7.5810, 29.0230



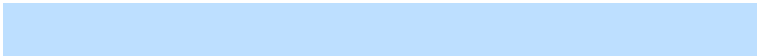
48.7427, -34.9697, 21.0128

Sweetspot

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



48.7427, 2.5823, -62.7841



84.1324, -8.5751, -14.9804



77.1625, -58.1338, 31.3940



37.9935, -4.0326, -8.2599

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.7427, 2.5823, -62.7841



48.6978, 11.1710, -84.9830



27.6486, 54.5290, -145.7224



38.8778, -2.8546, -0.7143



33.0980, 6.5061, -55.4144



9.9769, -0.0026, -12.4647

Inverse Universe

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



44.7465, 74.3475, -1.9893



47.8802, 85.4740, 3.9809



84.4485, -19.7391, 50.6798



38.0683, 2.2465, 0.8694



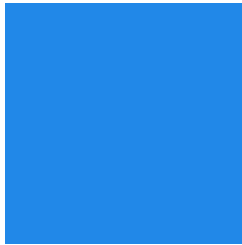
32.0992, 57.3988, 1.9209



8.8327, 15.9907, -0.9936

Previews

White Background



This preview shows how the HunterLab color 48.7420, 2.5812, -62.7853 looks on a white background.

Color Contrast Check

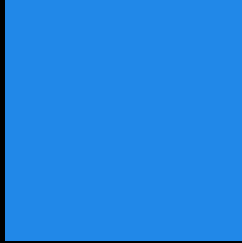
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.7420, 2.5812, -62.7853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

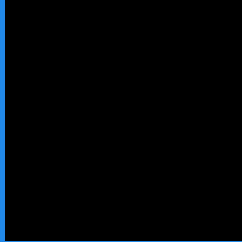
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

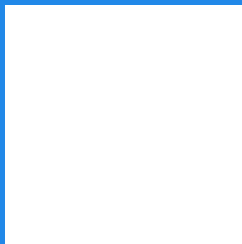
Any Text WCAG AAA × Fail

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

HunterLab 48.7420, 2.5812, -62.7853 Background



This preview shows how black text looks on a background with the HunterLab color 48.7420, 2.5812, -62.7853.



This preview shows how white text looks on a background with the HunterLab color 48.7420, 2.5812, -62.7853.

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

48.7420, 2.5812, -62.7853

Protanopia

48.7151, 10.4703, -57.3693

Deuteranopia

48.8183, 4.3142, -62.5629



Tritanopia

48.6297, -23.5773, -9.8863

Trichromacy



Original Color

48.7420, 2.5812, -62.7853

Protanomaly

48.4185, 6.8921, -59.9231

Deuteranomaly

48.6720, 3.8253, -62.9403

Tritanomaly

48.5051, -15.3983, -26.4853

Monochromacy



Original Color

48.7420, 2.5812, -62.7853

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

43.1428, -4.7818, -17.9540

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7420, 2.5812, -62.7853 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(33, 136, 232)` looks like.

```
.text, #text, p{  
    color:rgb(33, 136, 232)  
}
```

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(33, 136, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 136, 232) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7420, 2.5812, -62.7853 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(33, 136, 232) }
```


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

```
.border{ border-color:rgb(33, 136, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 136, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 136, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 136, 232);  
box-shadow:4px 4px 4px 4px rgb(33, 136,  
232) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7420, 2.5812, -62.7853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 136, 232) }
```

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

```
.background{ background-color: rgb(33, 136,  
232) }
```

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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