

Converting Colors

HunterLab(42.2653, 18.4874,
-75.0789)

Have a look what the booklet for
HunterLab(42.2653, 18.4874,
-75.0789) contains.

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Color

**HunterLab(42.2172, 18.8526,
-75.7182)**

Conversions

Conversions Part 1

Format	Color
Hex	476DE3
RGB	71, 109, 227
RGB Percent	28%, 43%, 89%
CMY	0.7215, 0.5725, 0.1098
CMYK	0.69, 0.52, 0.00, 0.11
HSL	225°, 74%, 58%
HSV	225°, 69%, 89%
XYZ	21.9323, 17.8229, 74.9572
YIQ	111.0900, -60.5260, 28.6420

Conversions

Conversions Part 2

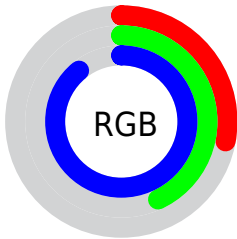
Format	Color
RYB	71, 102, 227
Decimal	4681187
CIELab	49.28, 25.30, -64.04
CIELCh	49, 68.859, 291.556
Yxy	17.8234, 0.1912, 0.1554
Android (android.graphics.Color)	4282871267 (0xFF476DE3)
YUV	111.0900, 57.1436, -35.1589
Hunter-Lab	42.2172, 18.8526, -75.7182

Details

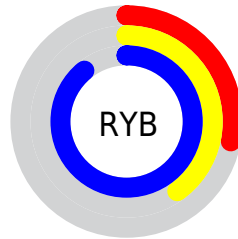
The HunterLab color **42.2172, 18.8526, -75.7182** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **72.9284, -2.7573, 40.0421**, and the grayscale version is **39.7105, -2.1189, 2.1575**.

A 20% lighter version of the original color is **61.3155, 11.3986, -53.5007**, and **25.2696, 19.8705, -74.4795** is the 20% darker color. If you saturate the color by 10%, you get **37.1574, 25.8216, -92.6129**, and if you desaturate by 10%, it is **47.8291, 13.0876, -60.3865**.

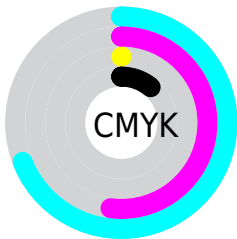
Distribution



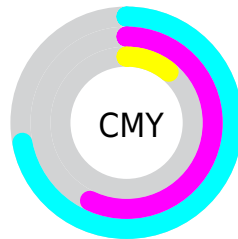
- Red (28%)
- Green (43%)
- Blue (89%)



- Red (28%)
- Yellow (40%)
- Blue (89%)



- Cyan (69%)
- Magenta (52%)
- Yellow (0%)
- Black (11%)



- Cyan (72%)
- Magenta (57%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.2172, 18.8526, -75.7182 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 42.2172, 18.8526, -75.7182 by changing the saturation by 10% instead.

■ 42.2172, 18.8526,
-75.7182

■ 42.2172, 18.8526,
-75.7182

■ 154.8786, 22.6647,
-81.8536

■ 32.8988, 17.9757,
-76.2299

■ 63.0367, 20.2694,
-76.2656

■ 24.3888, 16.9634,
-77.8941

■ 74.4430, 20.8317,
-76.9116

■ 16.7737, 15.8008,
-81.9330

■ 86.4648, 21.3097,
-77.6707

■ 10.1744, 14.4866,
-91.7681

■ 99.0720, 21.7112,
-78.4901

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.2386, 22.0425,
-79.3366

0.0000, NaN, -NF

■ 125.9416, 22.3089,

0.0000, NaN, -NF

-80.1882

0.0000, NaN, NaN

140.1610, 22.5150,
-81.0305

■ 42.2172, 18.8526,
-75.7182

■ 42.2172, 18.8526,
-75.7182

■ 37.1574, 25.8216,
-92.6129

■ 47.8291, 13.0876,
-60.3865

■ 32.7817, 33.9695,
-110.6450

■ 53.8846, 8.3817,
-46.6135

■ 29.2222, 42.8621,
-128.6929

■ 60.3035, 4.5562,
-34.2135

■ 28.8194, 43.9893,
-130.9821

■ 67.0253, 1.4436,
-22.9604

■ 74.0043, -1.0958,
-12.6419

■ 81.2057, -3.1733,
-3.0774

■ 88.6027, -4.8764,
5.8805

■ 96.1740, -6.2732,
14.3499

■ 99.1595, -9.9600,
17.4739

Harmonies

Analogous

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



42.2178, -9.7024, -83.1635



42.2172, 18.8526, -75.7182



42.2178, 47.3272, -42.1330

Triad

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



42.2178, 18.8538, -75.7170



42.2178, 35.6659, 25.7016



42.2178, -42.6940, 9.0033

Complementary

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



42.2172, 18.8526, -75.7182



72.9284, -2.7573, 40.0421

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.



42.2178, -36.0500, 23.0688



42.2172, 18.8526, -75.7182



42.2178, 5.7476, 27.8747

Square

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



42.2178, 18.8538, -75.7170



42.2178, 58.6265, 16.8548



42.2178, -19.8896, 27.3703



42.2178, -40.8745, -20.5207

Rectangle

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



42.2172, 18.8526, -75.7182



42.2178, 60.1037, -16.7886



42.2178, -19.8896, 27.3703



42.2178, -41.4537, 15.2583

Sweetspot

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



42.2178, 18.8538, -75.7170



82.4878, -0.6026, -17.1834



77.4012, -45.1751, 10.4578



37.1345, 0.0842, -9.4480

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.2178, 18.8538, -75.7170



40.3926, 32.8564, -113.4043



36.5640, 46.1006, -94.5053



38.0189, -1.4294, -1.7749



22.3535, 32.4885, -98.0732



7.1574, 5.7844, -21.4329

Inverse Universe

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



46.8432, 57.8460, 11.5647



49.0571, 75.5686, 17.9350



81.2928, -33.9089, 45.1497



37.9806, 1.7754, 2.1188



31.1483, 53.9135, 15.6998



8.5522, 14.9684, 3.0258

Previews

White Background



This preview shows how the HunterLab color 42.2172, 18.8526, -75.7182 looks on a white background.

Color Contrast Check

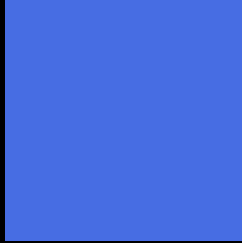
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.2172, 18.8526, -75.7182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

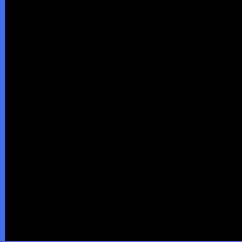
Any Text WCAG AA ✓ Pass

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 42.2172, 18.8526, -75.7182 Background



This preview shows how black text looks on a background with the HunterLab color 42.2172, 18.8526, -75.7182.



This preview shows how white text looks on a background with the HunterLab color 42.2172, 18.8526, -75.7182.

-75.7182.

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

42.2172, 18.8526, -75.7182

Protanopia

42.2007, 15.3679, -79.9434

Deuteranopia

42.1280, 2.4671, -57.9822



Tritanopia

41.9101, -20.0593, -9.0818

Trichromacy



Original Color

42.2172, 18.8526, -75.7182

Protanomaly

42.1733, 16.4878, -78.9716

Deuteranomaly

41.6982, 7.6028, -65.5856

Tritanomaly

41.3267, -8.6724, -29.9614

Monochromacy



Original Color

42.2172, 18.8526, -75.7182

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

39.9231, 2.3407, -20.1151

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2172, 18.8526, -75.7182 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(71, 109, 227)` looks like.

```
.text, #text, p{  
    color:rgb(71, 109, 227)  
}
```

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(71, 109, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 109, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2172, 18.8526, -75.7182 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(71, 109, 227) }
```


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

```
.border{ border-color:rgb(71, 109, 227) }
```

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

Here you see how a box with a 4 pixel rgb(71, 109, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 109, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 109, 227);  
box-shadow:4px 4px 4px 4px rgb(71, 109,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.2172, 18.8526, -75.7182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 109, 227) }
```

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

```
.background{ background-color: rgb(71, 109,  
227) }
```

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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