

Converting Colors

HunterLab(42.7486, 1.1465,
-41.2037)

Have a look what the booklet for
HunterLab(42.7486, 1.1465,
-41.2037) contains.

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Color

**HunterLab(42.7486, 1.1465,
-41.2037)**

Conversions

Conversions Part 1

Format	Color
Hex	4178BE
RGB	65, 120, 190
RGB Percent	25%, 47%, 75%
CMY	0.7451, 0.5294, 0.2549
CMYK	0.66, 0.37, 0.00, 0.25
HSL	214°, 49%, 50%
HSV	214°, 66%, 75%
XYZ	18.1907, 18.2744, 51.2837
YIQ	111.5350, -55.2500, 10.1100

Conversions

Conversions Part 2

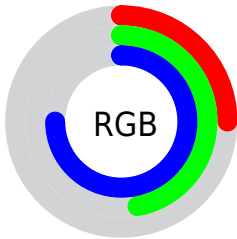
Format	Color
R _Y B	65, 103, 190
Decimal	4290750
CIE Lab	49.83, 4.40, -42.11
CIE LCh	50, 42.343, 275.971
Yxy	18.2750, 0.2073, 0.2083
Android (android.graphics.Color)	4282480830 (0xFF4178BE)
YUV	111.5350, 38.6832, -40.8112
Hunter-Lab	42.7486, 1.1465, -41.2037

Details

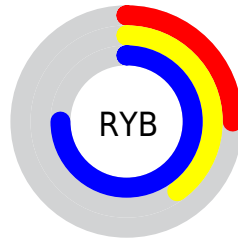
The HunterLab color $[42.7486, 1.1465, -41.2037]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[53.5338, 9.1954, 27.6083]$, and the grayscale version is $[39.9476, -2.1315, 2.1704]$.

A 20% lighter version of the original color is $[63.7028, 0.5989, -42.6363]$, and $[25.3225, 3.3464, -38.8748]$ is the 20% darker color. If you saturate the color by 10%, you get $[39.1320, 4.1768, -49.6241]$, and if you desaturate by 10%, it is $[46.6255, -1.1246, -33.2369]$.

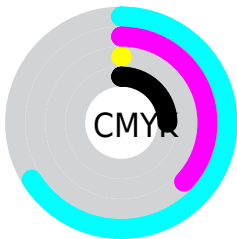
Distribution



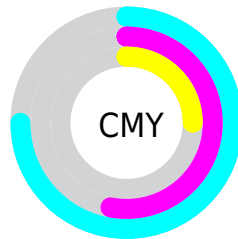
- Red (25%)
- Green (47%)
- Blue (75%)



- Red (25%)
- Yellow (40%)
- Blue (75%)



- Cyan (66%)
- Magenta (37%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (53%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7486, 1.1465, -41.2037 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 42.7486, 1.1465, -41.2037 by changing the saturation by 10% instead.

■ 42.7486, 1.1465,
-41.2037

■ 42.7486, 1.1465,
-41.2037

■ 155.6974, -3.0852,
-46.5869

■ 33.3881, 1.3844,
-40.6569

■ 63.6439, 0.5035,
-42.5441

■ 24.8319, 1.5552,
-40.3699

■ 75.0847, 0.1084,
-43.2291

■ 17.1651, 1.6467,
-40.6922

■ 87.1393, -0.3302,
-43.8904

■ 10.5063, 1.6393,
-42.6060

■ 99.7777, -0.8093,
-44.5168

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.9741, -1.3264,
-45.1020

0.0000, NaN, -NF

126.7060, -1.8792,

0.0000, NaN, NaN

-45.6429

0.0000, NaN, NaN

140.9530, -2.4660,
-46.1380

■ 42.7486, 1.1465,
-41.2037

■ 42.7486, 1.1465,
-41.2037

■ 39.1320, 4.1768,
-49.6241

■ 46.6255, -1.1246,
-33.2369

■ 35.8073, 8.0343,
-58.4587

■ 50.7295, -2.7269,
-25.7246

■ 32.8054, 12.7318,
-67.6073

■ 55.0338, -3.7503,
-18.6371

■ 31.6161, 14.8687,
-71.6146

■ 59.5152, -4.2777,
-11.9330

■ 64.1540, -4.3814,
-5.5673

■ 68.9337, -4.1231,
0.5042

■ 73.8405, -3.5541,
6.3220

■ 78.8626, -2.7174,
11.9222

■ 83.9903, -1.6484,
17.3365

Harmonies

Analogous

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



42.7493, -14.7182, -36.5892



42.7486, 1.1465, -41.2037



42.7493, 18.5095, -30.9791

Triad

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



42.7493, 1.1470, -41.2027



42.7493, 27.2972, 16.7845



42.7493, -28.0812, 13.0907

Complementary

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



42.7486, 1.1465, -41.2037



53.5338, 9.1954, 27.6083

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.



42.7493, -19.7326, 20.5370



42.7486, 1.1465, -41.2037



42.7493, 11.7586, 22.0172

Square

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



42.7493, 1.1470, -41.2027



42.7493, 35.0413, 5.4169



42.7493, -5.6087, 23.0585



42.7493, -30.0215, -1.0123

Rectangle

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



42.7486, 1.1465, -41.2037



42.7493, 28.0919, -18.8187



42.7493, -5.6087, 23.0585



42.7493, -26.0023, 16.2548

Sweetspot

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



42.7493, 1.1470, -41.2027



83.5027, -5.8998, -11.3307



62.9806, -39.7013, 16.9655



38.2992, -2.7397, -6.4580



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



42.7493, 1.1470, -41.2027



50.6152, 7.8147, -72.0835



29.7464, 30.7686, -78.2308



31.4604, -1.9907, -0.7619



26.0721, 11.4926, -57.3972



6.2981, 0.0882, -8.0624

Inverse Universe

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



40.1058, 47.8318, -0.7193



49.1135, 75.0143, 2.5876



68.8248, -19.0995, 37.7660



30.9907, 1.6353, 1.0155



27.7775, 49.1418, 5.7637



5.6161, 10.1566, -0.5488

Previews

White Background



This preview shows how the HunterLab color 42.7486, 1.1465, -41.2037 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 42.7486, 1.1465, -41.2037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

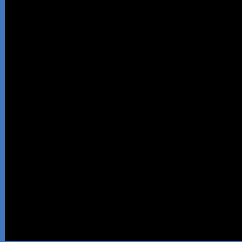
Any Text WCAG AA ✓ Pass

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 42.7486, 1.1465, -41.2037 Background



This preview shows how black text looks on a background with the HunterLab color 42.7486, 1.1465, -41.2037.



This preview shows how white text looks on a background with the HunterLab color 42.7486, 1.1465, -41.2037.

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

42.7486, 1.1465, -41.2037

Protanopia

42.7318, 6.3521, -38.0126

Deuteranopia

42.6268, 3.6021, -41.4289



Tritanopia

42.7150, -18.4055, -8.9791

Trichromacy



Original Color

42.7486, 1.1465, -41.2037

Protanomaly

42.5491, 4.4524, -39.2147

Deuteranomaly

42.7211, 2.4925, -41.2406

Tritanomaly

42.4332, -11.8085, -19.8908

Monochromacy



Original Color

42.7486, 1.1465, -41.2037

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.7281, -2.9754, -11.0741

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.7486, 1.1465, -41.2037 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(65, 120, 190)` looks like.

```
.text, #text, p{  
    color:rgb(65, 120, 190)  
}
```

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(65, 120, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 120, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 42.7486, 1.1465, -41.2037 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(65, 120, 190) }
```


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

```
.border{ border-color:rgb(65, 120, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 120, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 120, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 120, 190);  
box-shadow:4px 4px 4px 4px rgb(65, 120,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.7486, 1.1465, -41.2037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 120, 190) }
```

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

```
.background{ background-color: rgb(65, 120,  
190) }
```

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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