

Converting Colors

HunterLab(42.7396, -0.3746,
-34.3528)

Have a look what the booklet for
HunterLab(42.7396, -0.3746,
-34.3528) contains.

HunterLab(42.5991, -0.2581, -34.5997)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(42.5991, -0.2581,
-34.5997)**

Conversions

Conversions Part 1

Format	Color
Hex	4878B5
RGB	72, 120, 181
RGB Percent	28%, 47%, 71%
CMY	0.7176, 0.5294, 0.2902
CMYK	0.60, 0.34, 0.00, 0.29
HSL	214°, 43%, 50%
HSV	214°, 60%, 71%
XYZ	17.7294, 18.1468, 46.2843
YIQ	112.6020, -48.1890, 8.7950

Conversions

Conversions Part 2

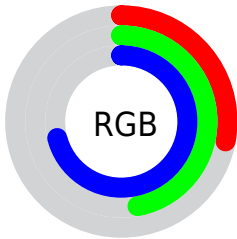
Format	Color
R_{YB}	72, 105, 181
Decimal	4749493
CIE _{Lab}	49.67, 2.61, -37.15
CIE _{LCh}	50, 37.239, 274.019
Yxy	18.1475, 0.2158, 0.2209
Android (android.graphics.Color)	4282939573 (0xFF4878B5)
YUV	112.6020, 33.7202, -35.6080
Hunter-Lab	42.5991, -0.2581, -34.5997

Details

The HunterLab color $42.5991, -0.2581, -34.5997$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $52.0270, 7.1257, 25.1957$, and the grayscale version is $40.3727, -2.1542, 2.1935$.

A 20% lighter version of the original color is $63.4717, -1.1385, -35.7511$, and $24.8862, 1.0174, -33.3018$ is the 20% darker color. If you saturate the color by 10%, you get $39.0411, 2.1748, -42.2951$, and if you desaturate by 10%, it is $46.3847, -2.0247, -27.3328$.

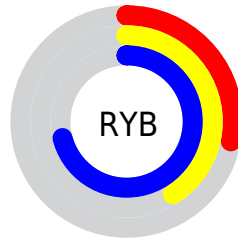
Distribution



Red (28%)

Green (47%)

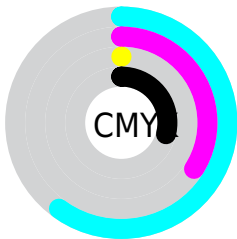
Blue (71%)



Red (28%)

Yellow (41%)

Blue (71%)

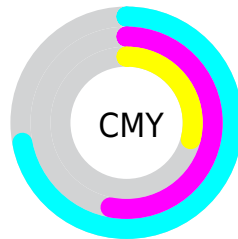


Cyan (60%)

Magenta (34%)

Yellow (0%)

Black (29%)



Cyan (72%)

Magenta (53%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5991, -0.2581, -34.5997 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 42.5991, -0.2581, -34.5997 by changing the saturation by 10% instead.

■ 42.5991, -0.2581,
-34.5997

■ 42.5991, -0.2581,
-34.5997

■ 155.4673, -5.2140,
-39.2433

■ 33.2504, 0.0847,
-33.9995

■ 63.4732, -1.0908,
-35.8858

■ 24.7072, 0.3696,
-33.5495

■ 74.9044, -1.5727,
-36.5010

■ 17.0549, 0.5875,
-33.4941

■ 86.9497, -2.0938,
-37.0770

■ 10.4127, 0.7234,
-34.5313

■ 99.5794, -2.6517,
-37.6075

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.7674, -3.2444,
-38.0899

0.0000, NaN, -NF

126.4912, -3.8700,

0.0000, NaN, NaN

-38.5231

0.0000, NaN, NaN

140.7305, -4.5270,
-38.9073

■ 42.5991, -0.2581,
-34.5997

■ 42.5991, -0.2581,
-34.5997

■ 39.0411, 2.1748,
-42.2951

■ 46.3847, -2.0247,
-27.3328

■ 35.7390, 5.3517,
-50.4084

■ 50.3684, -3.2113,
-20.4792

■ 32.7248, 9.3216,
-58.8763

■ 54.5277, -3.8989,
-14.0031

■ 30.0504, 13.8662,
-67.4936

■ 58.8426, -4.1597,
-7.8631

■ 63.2965, -4.0558,
-2.0173

■ 67.8753, -3.6393,
3.5739

■ 72.5673, -2.9538,
8.9462

■ 77.3626, -2.0357,
14.1310

■ 82.2525, -0.9148,
19.1556

Harmonies

Analogous

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



42.5998, -14.0644, -29.9941



42.5991, -0.2581, -34.5997



42.5998, 14.8858, -26.8584

Triad

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



42.5998, -0.2578, -34.5987



42.5998, 24.0379, 14.8772



42.5998, -25.0033, 12.5751

Complementary

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



42.5991, -0.2581, -34.5997



52.0270, 7.1257, 25.1957

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.



42.5998, -17.0874, 19.2350



42.5991, -0.2581, -34.5997



42.5998, 10.9540, 20.2097

Square

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



42.5998, -0.2578, -34.5987



42.5998, 30.0750, 4.1769



42.5998, -4.2559, 21.4769



42.5998, -27.1580, 0.3731

Rectangle

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



42.5991, -0.2581, -34.5997



42.5998, 23.3503, -16.9013



42.5998, -4.2559, 21.4769



42.5998, -22.9868, 15.3784

Sweetspot

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



42.5998, -0.2578, -34.5987



79.8764, -5.5756, -8.9941



60.0754, -35.7277, 14.8651



36.3496, -2.5829, -5.2487



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



42.5998, -0.2578, -34.5987



50.8908, 4.0710, -59.7867



30.9329, 25.2455, -64.2899



29.7077, -1.8794, -0.6997



25.2167, 10.9372, -55.1290



5.6303, -0.2395, -6.5204

Inverse Universe

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



39.7685, 41.5584, -1.2598



48.3215, 66.1444, 0.4582



65.3405, -17.3736, 34.3943



29.2666, 1.5199, 0.9624



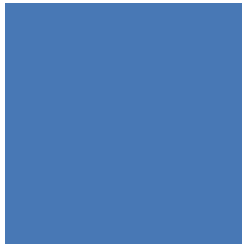
26.7994, 47.4236, 5.4653



4.8763, 8.8572, -0.7749

Previews

White Background



This preview shows how the HunterLab color 42.5991, -0.2581, -34.5997 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 42.5991, -0.2581, -34.5997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

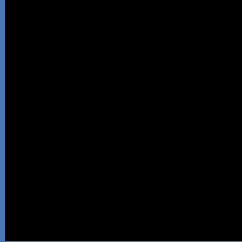
Any Text WCAG AA ✓ Pass

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 42.5991, -0.2581, -34.5997 Background



This preview shows how black text looks on a background with the HunterLab color 42.5991, -0.2581, -34.5997.



This preview shows how white text looks on a background with the HunterLab color 42.5991, -0.2581, -34.5997.

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

42.5991, -0.2581, -34.5997

Protanopia

42.6051, 5.0657, -31.5426

Deuteranopia

42.4632, 3.6714, -35.5632



Tritanopia

42.4962, -16.2035, -8.1765

Trichromacy



Original Color

42.5991, -0.2581, -34.5997

Protanomaly

42.3830, 3.0185, -32.7524

Deuteranomaly

42.4732, 2.2870, -35.5668

Tritanomaly

42.3804, -10.8623, -16.8454

Monochromacy



Original Color

42.5991, -0.2581, -34.5997

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

41.1369, -3.1276, -9.3618

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5991, -0.2581, -34.5997 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(72, 120, 181)` looks like.

```
.text, #text, p{  
    color:rgb(72, 120, 181)  
}
```

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(72, 120, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 120, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5991, -0.2581, -34.5997 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(72, 120, 181) }
```


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

```
.border{ border-color:rgb(72, 120, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 120, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 120, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 120, 181);  
box-shadow:4px 4px 4px 4px rgb(72, 120,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.5991, -0.2581, -34.5997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 120, 181) }
```

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

```
.background{ background-color: rgb(72, 120,  
181) }
```

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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