

Converting Colors

HunterLab(42.9170, 2.7574,
-49.0037)

Have a look what the booklet for
HunterLab(42.9170, 2.7574,
-49.0037) contains.

HunterLab(42.9130, 2.7584, -49.0062)	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(42.9130, 2.7584,
-49.0062)**

Conversions

Conversions Part 1

Format	Color
Hex	3778C8
RGB	55, 120, 200
RGB Percent	22%, 47%, 78%
CMY	0.7843, 0.5294, 0.2157
CMYK	0.72, 0.40, 0.00, 0.22
HSL	213°, 57%, 50%
HSV	213°, 72%, 78%
XYZ	18.7173, 18.4153, 57.2115
YIQ	109.6850, -64.4200, 11.1000

Conversions

Conversions Part 2

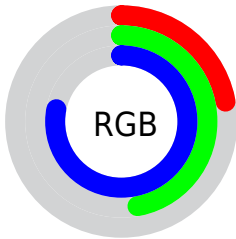
Format	Color
R _Y B	55, 100, 200
Decimal	3635400
CIE Lab	50.00, 6.43, -47.60
CIE LCh	50, 48.034, 277.695
Yxy	18.4158, 0.1984, 0.1952
Android (android.graphics.Color)	4281825480 (0xFF3778C8)
YUV	109.6850, 44.5253, -47.9587
Hunter-Lab	42.9130, 2.7584, -49.0062

Details

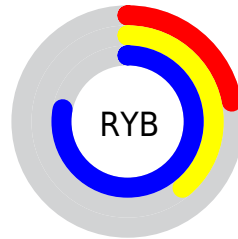
The HunterLab color **42.9130, 2.7584, -49.0062** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **54.6680, 12.6517, 29.9863**, and the grayscale version is **39.2216, -2.0928, 2.1310**.

A 20% lighter version of the original color is **63.7550, 1.5687, -48.6690**, and **25.8439, 6.0787, -45.4248** is the 20% darker color. If you saturate the color by 10%, you get **39.3162, 6.4892, -58.0646**, and if you desaturate by 10%, it is **46.8068, -0.1150, -40.3773**.

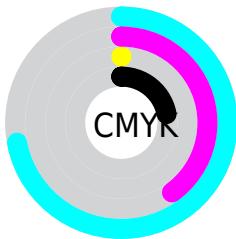
Distribution



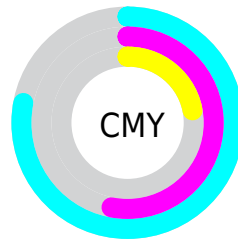
- Red (22%)
- Green (47%)
- Blue (78%)



- Red (22%)
- Yellow (39%)
- Blue (78%)



- Cyan (72%)
- Magenta (40%)
- Yellow (0%)
- Black (22%)



- Cyan (78%)
- Magenta (53%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.9130, 2.7584, -49.0062 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 42.9130, 2.7584, -49.0062 by changing the saturation by 10% instead.

■ 42.9130, 2.7584,
-49.0062

■ 42.9130, 2.7584,
-49.0062

■ 155.9502, -0.6637,
-54.9835

■ 33.5395, 2.8801,
-48.5854

■ 63.8315, 2.3266,
-50.3189

■ 24.9691, 2.9246,
-48.5746

■ 75.2830, 2.0284,
-51.0503

■ 17.2865, 2.8774,
-49.4655

■ 87.3476, 1.6821,
-51.7809

■ 10.6094, 2.7143,
-52.6219

■ 99.9957, 1.2912,
-52.4922

0.0000, INF, -NF

0.0000, NaN, -NF

■ 113.2013, 0.8588,
-53.1733

0.0000, NaN, -NF

126.9420, 0.3874,

0.0000, NaN, NaN

-53.8177

0.0000, NaN, NaN

141.1976, -0.1207,
-54.4218

■ 42.9130, 2.7584,
-49.0062

■ 42.9130, 2.7584,
-49.0062

■ 39.3162, 6.4892,
-58.0646

■ 46.8068, -0.1150,
-40.3773

■ 36.0475, 11.1136,
-67.4702

■ 50.9616, -2.2145,
-32.2107

■ 33.7985, 15.0654,
-74.7672

■ 55.3471, -3.6339,
-24.4957

■ 59.9362, -4.4662,
-17.2005

■ 64.7059, -4.7953,
-10.2827

■ 69.6365, -4.6939,
-3.6974

■ 74.7117, -4.2237,
2.5986

■ 79.9177, -3.4363,
8.6450

■ 85.2425, -2.3746,
14.4772

Harmonies

Analogous

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



42.9137, -15.4117, -44.4505



42.9130, 2.7584, -49.0062



42.9137, 22.6681, -35.7305

Triad

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



42.9137, 2.7591, -49.0051



42.9137, 30.9639, 18.7276



42.9137, -31.3609, 13.6320

Complementary

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



42.9130, 2.7584, -49.0062



54.6680, 12.6517, 29.9863

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.



42.9137, -22.5954, 21.8566



42.9130, 2.7584, -49.0062



42.9137, 12.6217, 23.7684

Square

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



42.9137, 2.7591, -49.0051



42.9137, 40.7141, 6.7734



42.9137, -7.1199, 24.5875



42.9137, -33.0664, -2.6327

Rectangle

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



42.9130, 2.7584, -49.0062



42.9137, 33.5413, -20.9617



42.9137, -7.1199, 24.5875



42.9137, -29.2275, 17.1738

Sweetspot

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



42.9137, 2.7591, -49.0051



85.2553, -6.3120, -13.3706



66.2297, -44.2471, 19.5969



38.6337, -2.8943, -7.3218

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.9137, 2.7591, -49.0051



49.2032, 11.8956, -83.4755



28.1709, 38.1102, -96.9805



33.2524, -2.1409, -0.7968



27.2705, 11.3268, -58.5371



7.0441, 0.3225, -9.5008

Inverse Universe

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



40.4584, 55.2753, -0.1426



49.0288, 81.6490, 4.9843



72.7252, -21.0575, 41.4966



32.7332, 1.7646, 1.0356



28.7936, 50.9877, 5.6008



6.3805, 11.5132, -0.4229

Previews

White Background



This preview shows how the HunterLab color 42.9130, 2.7584, -49.0062 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 42.9130, 2.7584, -49.0062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

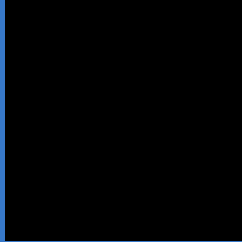
Any Text WCAG AA ✓ Pass

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 42.9130, 2.7584, -49.0062 Background



This preview shows how black text looks on a background with the HunterLab color 42.9130, 2.7584, -49.0062.



This preview shows how white text looks on a background with the HunterLab color 42.9130, 2.7584, -49.0062.

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

42.9130, 2.7584, -49.0062

Protanopia

42.9041, 7.9416, -45.5938

Deuteranopia

42.8071, 3.8383, -49.2395



Tritanopia

42.6446, -20.2182, -9.6567

Trichromacy



Original Color

42.9130, 2.7584, -49.0062

Protanomaly

42.6728, 5.9013, -46.9952

Deuteranomaly

42.7356, 3.5998, -49.4142

Tritanomaly

42.3932, -13.1821, -22.5694

Monochromacy



Original Color

42.9130, 2.7584, -49.0062

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

40.2386, -3.0267, -13.5484

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.9130, 2.7584, -49.0062 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(55, 120, 200)` looks like.

```
.text, #text, p{  
    color:rgb(55, 120, 200)  
}
```

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(55, 120, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 120, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 42.9130, 2.7584, -49.0062 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(55, 120, 200) }
```


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

```
.border{ border-color:rgb(55, 120, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 120, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 120, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 120, 200);  
box-shadow:4px 4px 4px 4px rgb(55, 120,  
200) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.9130, 2.7584, -49.0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 120, 200) }
```

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

```
.background{ background-color: rgb(55, 120,  
200) }
```

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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