

Converting Colors

HunterLab(42.8535, -8.5705,
-20.3947)

Have a look what the booklet for
HunterLab(42.8535, -8.5705,
-20.3947) contains.

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Color

HunterLab(42.8535, -8.5705,
-20.3947)

Conversions

Conversions Part 1

Format	Color
Hex	417DA1
RGB	65, 125, 161
RGB Percent	25%, 49%, 63%
CMY	0.7451, 0.5098, 0.3686
CMYK	0.60, 0.22, 0.00, 0.37
HSL	203°, 42%, 44%
HSV	203°, 60%, 63%
XYZ	15.9466, 18.3642, 36.4223
YIQ	111.1640, -47.3160, -1.5240

Conversions

Conversions Part 2

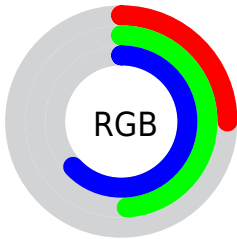
Format	Color
R _Y B	65, 102, 161
Decimal	4292001
CIE Lab	49.94, -8.43, -25.15
CIE LCh	50, 26.529, 251.467
Yxy	18.3649, 0.2255, 0.2596
Android (android.graphics.Color)	4282482081 (0xFF417DA1)
YUV	111.1640, 24.5691, -40.4858
Hunter-Lab	42.8535, -8.5705, -20.3947

Details

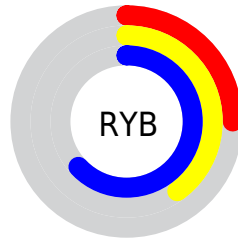
The HunterLab color **42.8535, -8.5705, -20.3947** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **41.5534, 14.5110, 18.7224**, and the grayscale version is **39.8555, -2.1266, 2.1654**.

A 20% lighter version of the original color is **63.9246, -10.7844, -21.0543**, and **25.0460, -5.7389, -18.9166** is the 20% darker color. If you saturate the color by 10%, you get **40.5080, -7.9298, -24.5305**, and if you desaturate by 10%, it is **45.3546, -8.6980, -16.2837**.

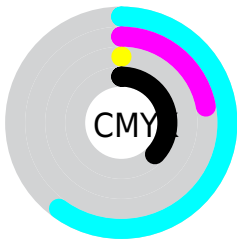
Distribution



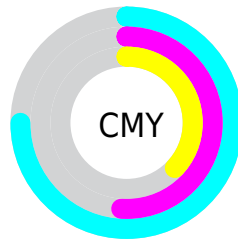
- Red (25%)
- Green (49%)
- Blue (63%)



- Red (25%)
- Yellow (40%)
- Blue (63%)



- Cyan (60%)
- Magenta (22%)
- Yellow (0%)
- Black (37%)



- Cyan (75%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8535, -8.5705, -20.3947 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 42.8535, -8.5705, -20.3947 by changing the saturation by 10% instead.

42.8535, -8.5705,
-20.3947

42.8535, -8.5705,
-20.3947

155.8588,
-18.1527, -22.4812

33.4847, -7.5432,
-19.8862

63.7637, -10.6271,
-21.2543

24.9195, -6.5059,
-19.3545

75.2114, -11.6653,
-21.5961

17.2426, -5.4433,
-18.8670

87.2723, -12.7138,
-21.8789

10.5721, -4.3250,
-18.6350

99.9169, -13.7742,
-22.1045

0.0000, NaN, -NF

0.0000, NaN, -NF

113.1192,
-14.8476, -22.2752

0.0000, NaN, NaN

126.8567,

0.0000, NaN, NaN

-15.9348, -22.3933

0.0000, NaN, NaN

141.1092,
-17.0363, -22.4612

■ 42.8535, -8.5705,
-20.3947

■ 42.8535, -8.5705,
-20.3947

■ 40.5080, -7.9298,
-24.5305

■ 45.3546, -8.6980,
-16.2837

■ 38.3239, -6.7455,
-28.6681

■ 47.9990, -8.3527,
-12.2196

■ 36.3070, -5.0067,
-32.7785

■ 50.7775, -7.5787,
-8.2150

■ 34.4321, -2.8165,
-36.8937

■ 53.6798, -6.4201,
-4.2777

■ 34.3626, -2.7321,
-37.0524

■ 56.6964, -4.9186,
-0.4110

■ 59.8185, -3.1125,
3.3848

■ 63.0380, -1.0361,
7.1119

■ 66.3476, 1.2804,
10.7737

■ 69.7407, 3.8106,
14.3748

Harmonies

Analogous

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



42.8543, -16.5034, -12.5766



42.8535, -8.5705, -20.3947



42.8543, 1.8342, -21.3211

Triad

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



42.8543, -8.5705, -20.3939



42.8543, 19.5461, 6.0071



42.8543, -14.9549, 14.4561

Complementary

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



42.8535, -8.5705, -20.3947



41.5534, 14.5110, 18.7224

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.



42.8543, -6.2618, 17.3040



42.8535, -8.5705, -20.3947



42.8543, 14.0600, 13.2782

Square

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



42.8543, -8.5705, -20.3939



42.8543, 18.7744, -4.2916



42.8543, 4.3767, 16.9329



42.8543, -19.9351, 8.0436

Rectangle

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



42.8535, -8.5705, -20.3947



42.8543, 8.8655, -17.6937



42.8543, 4.3767, 16.9329



42.8543, -12.4075, 15.7826

Sweetspot

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



42.8543, -8.5705, -20.3939



72.3478, -8.3577, -5.0535



52.4766, -33.2078, 18.0742



33.3712, -4.1438, -3.0392



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



42.8543, -8.5705, -20.3939



53.0943, -10.1078, -34.8937



30.1963, 14.0952, -47.3521



27.5003, -2.3532, -0.1345



30.8392, -2.6538, -32.8175



5.3491, -1.7048, -3.0058

Inverse Universe

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



35.8315, 38.3746, -9.3543



43.5197, 61.5878, -12.9523



54.0387, -7.7803, 27.6744



26.7524, 1.5651, 0.3121



26.0849, 47.5564, -5.5103



3.8946, 7.2994, -2.3647

Previews

White Background



This preview shows how the HunterLab color 42.8535, -8.5705, -20.3947 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 42.8535, -8.5705, -20.3947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

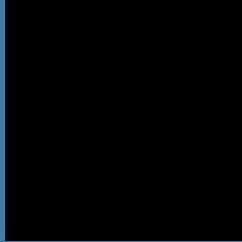
Any Text WCAG AA ✓ Pass

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 42.8535, -8.5705, -20.3947 Background



This preview shows how black text looks on a background with the HunterLab color 42.8535, -8.5705, -20.3947.

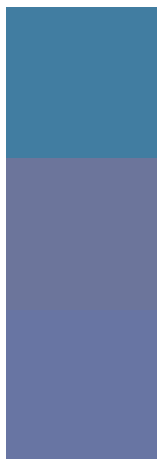


This preview shows how white text looks on a background with the HunterLab color 42.8535, -8.5705, -20.3947.

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

42.8535, -8.5705, -20.3947

Protanopia

42.7519, 2.2677, -16.6231

Deuteranopia

42.7902, 3.0457, -21.5910



Tritanopia

42.9015, -16.2397, -7.6056

Trichromacy



Original Color

42.8535, -8.5705, -20.3947

Protanomaly

42.5941, -2.3926, -18.1973

Deuteranomaly

42.6793, -1.6879, -21.2169

Tritanomaly

42.9822, -13.8009, -11.8330

Monochromacy



Original Color

42.8535, -8.5705, -20.3947

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

40.5653, -5.7594, -5.4603

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8535, -8.5705, -20.3947 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, 125, 161)` looks like.

```
.text, #text, p{  
    color:rgb(65, 125, 161)  
}
```

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, 125, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 125, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8535, -8.5705, -20.3947 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, 125, 161) }
```


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

```
.border{ border-color:rgb(65, 125, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 125, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 125, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 125, 161);  
box-shadow:4px 4px 4px 4px rgb(65, 125,  
161) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8535, -8.5705, -20.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 125, 161) }
```

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

```
.background{ background-color: rgb(65, 125,  
161) }
```

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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