

Converting Colors

HunterLab(46.3504, -6.2909,
-42.3942)

Have a look what the booklet for
HunterLab(46.3504, -6.2909,
-42.3942) contains.

HunterLab(46.2890, -6.2840, -42.3656)	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(46.2890, -6.2840,
-42.3656)**

Conversions

Conversions Part 1

Format	Color
Hex	1586C9
RGB	21, 134, 201
RGB Percent	8%, 53%, 79%
CMY	0.9175, 0.4745, 0.2118
CMYK	0.90, 0.33, 0.00, 0.21
HSL	202°, 81%, 44%
HSV	202°, 90%, 79%
XYZ	19.3770, 21.4267, 58.3729
YIQ	107.8510, -88.8550, -3.1190

Conversions

Conversions Part 2

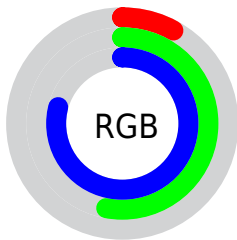
Format	Color
R _Y B	21, 90, 201
Decimal	1410761
CIE Lab	53.41, -4.92, -42.79
CIE LCh	53, 43.076, 263.441
Yxy	21.4274, 0.1954, 0.2160
Android (android.graphics.Color)	4279600841 (0xFF1586C9)
YUV	107.8510, 45.9225, -76.1683
Hunter-Lab	46.2890, -6.2840, -42.3656

Details

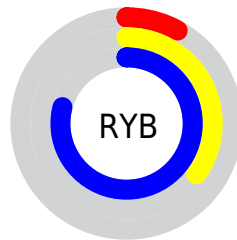
The HunterLab color **46.2890, -6.2840, -42.3656** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **44.1083, 34.9691, 26.8362**, and the grayscale version is **38.5262, -2.0557, 2.0932**.

A 20% lighter version of the original color is **67.5605, -8.8123, -41.5500**, and **29.3319, 0.4873, -37.7142** is the 20% darker color. If you saturate the color by 10%, you get **43.9065, -3.3261, -47.6232**, and if you desaturate by 10%, it is **48.8712, -8.6089, -37.0760**.

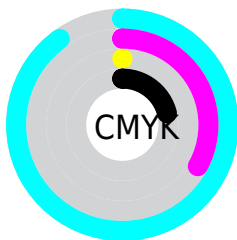
Distribution



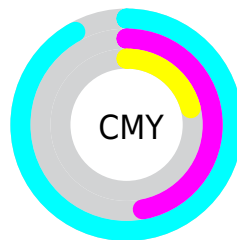
- Red (8%)
- Green (53%)
- Blue (79%)



- Red (8%)
- Yellow (35%)
- Blue (79%)



- Cyan (90%)
- Magenta (33%)
- Yellow (0%)
- Black (21%)



- Cyan (92%)
- Magenta (47%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.2890, -6.2840, -42.3656 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 46.2890, -6.2840, -42.3656 by changing the saturation by 10% instead.

■ 46.2890, -6.2840,
-42.3656

■ 46.2890, -6.2840,
-42.3656

161.1028,
-14.4340, -47.7657

■ 36.6562, -5.4738,
-41.7763

■ 67.6741, -7.9558,
-43.7321

■ 27.8029, -4.6789,
-41.3928

■ 79.3387, -8.8211,
-44.4189

■ 19.8057, -3.8935,
-41.4814

■ 91.6058, -9.7063,
-45.0795

■ 12.7687, -3.1074,
-42.7329

■ 104.4471,
-10.6118, -45.7039

■ 6.1479, -3.8156,
-53.9235

■ 117.8380,
-11.5374, -46.2869

0.0000, NaN, -NF

0.0000, NaN, -NF

131.7568,

-12.4831, -46.8255

0.0000, NaN, NaN

146.1842,
-13.4487, -47.3185

0.0000, NaN, NaN

■ 46.2890, -6.2840,
-42.3656

■ 46.2890, -6.2840,
-42.3656

■ 43.9065, -3.3261,
-47.6232

■ 48.8712, -8.6089,
-37.0760

■ 43.7989, -3.1845,
-47.8704

■ 51.6728, -10.2040,
-31.7429

■ 54.6891, -11.0789,
-26.4026

■ 57.9095, -11.2718,
-21.0900

■ 61.3212, -10.8356,
-15.8323

■ 64.9107, -9.8289,
-10.6484

■ 68.6644, -8.3109,
-5.5495

■ 72.5697, -6.3375,
-0.5408

■ 76.6146, -3.9602,
4.3768

Harmonies

Analogous

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



46.2897, -20.9935, -31.6142



46.2890, -6.2840, -42.3656



46.2897, 11.8089, -37.9361

Triad

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



46.2897, -6.2833, -42.3646



46.2897, 32.9396, 13.6057



46.2897, -26.6891, 17.9134

Complementary

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



46.2890, -6.2840, -42.3656



44.1083, 34.9691, 26.8362

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.



46.2897, -15.2080, 23.4239



46.2890, -6.2840, -42.3656



46.2897, 19.5139, 21.6670

Square

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



46.2897, -6.2833, -42.3646



46.2897, 36.2750, -1.3194



46.2897, 1.4660, 24.4795



46.2897, -31.5803, 6.0557

Rectangle

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



46.2890, -6.2840, -42.3656



46.2897, 23.2365, -27.5647



46.2897, 1.4660, 24.4795



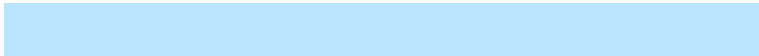
46.2897, -23.5634, 20.3588

Sweetspot

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



46.2897, -6.2833, -42.3646



85.9774, -12.4856, -12.4813



65.2854, -51.5892, 31.1334



39.0056, -6.0475, -6.8515

0.0000, NaN, NaN



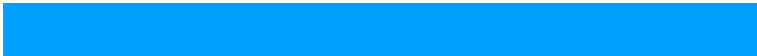
46.2646, -2.4686, 2.5136

Same Dimension

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



46.2897, -6.2833, -42.3646



56.9089, -3.5070, -63.5605



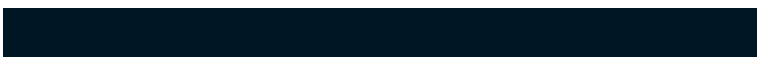
25.0106, 40.3892, -114.8782



33.7316, -2.9265, -0.2134



34.9887, -2.9485, -37.3678



8.4567, -1.9516, -6.3572

Inverse Universe

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



38.3095, 66.4948, -10.1369



48.7858, 88.7546, -8.8427



66.2705, -8.3781, 40.0531



32.7827, 2.0301, 0.3317



29.6240, 54.0002, -6.1914



6.5514, 12.1281, -2.8092

Previews

White Background



This preview shows how the HunterLab color 46.2890, -6.2840, -42.3656 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 46.2890, -6.2840, -42.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

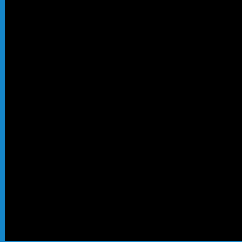
Any Text WCAG AA ✓ Pass

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 46.2890, -6.2840, -42.3656 Background



This preview shows how black text looks on a background with the HunterLab color 46.2890, -6.2840, -42.3656.

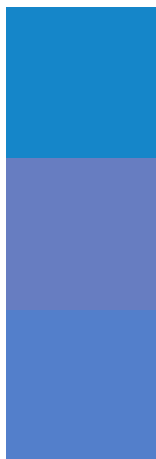


This preview shows how white text looks on a background with the HunterLab color 46.2890, -6.2840, -42.3656.

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

46.2890, -6.2840, -42.3656

Protanopia

46.2613, 6.0631, -36.0490

Deuteranopia

46.1839, 3.9609, -44.0058



Tritanopia

46.1347, -22.2705, -9.5887

Trichromacy



Original Color

46.2890, -6.2840, -42.3656

Protanomaly

45.6512, -0.0042, -39.6972

Deuteranomaly

46.0328, -1.0389, -43.6224

Tritanomaly

45.9273, -16.8270, -20.4518

Monochromacy



Original Color

46.2890, -6.2840, -42.3656

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

40.2642, -7.4031, -13.0026

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.2890, -6.2840, -42.3656 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(21, 134, 201)` looks like.

```
.text, #text, p{  
    color:rgb(21, 134, 201)  
}
```

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(21, 134, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 134, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 46.2890, -6.2840, -42.3656 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(21, 134, 201) }
```


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

```
.border{ border-color:rgb(21, 134, 201) }
```

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

Here you see how a box with a 4 pixel rgb(21, 134, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 134, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 134, 201);  
box-shadow:4px 4px 4px 4px rgb(21, 134,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.2890, -6.2840, -42.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 134, 201) }
```

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

```
.background{ background-color: rgb(21, 134,  
201) }
```

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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