

Converting Colors

HunterLab(41.6790, 4.2714,
-43.0020)

Have a look what the booklet for
HunterLab(41.6790, 4.2714,
-43.0020) contains.

HunterLab(41.6093, 4.3530, -42.8860)	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(41.6093, 4.3530,
-42.8860)**

Conversions

Conversions Part 1

Format	Color
Hex	4873BD
RGB	72, 115, 189
RGB Percent	28%, 45%, 74%
CMY	0.7176, 0.5490, 0.2588
CMYK	0.62, 0.39, 0.00, 0.26
HSL	218°, 47%, 51%
HSV	218°, 62%, 74%
XYZ	17.9886, 17.3133, 50.5379
YIQ	110.5790, -49.3820, 13.8980

Conversions

Conversions Part 2

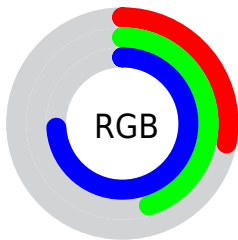
Format	Color
R _Y B	72, 103, 189
Decimal	4748221
CIE Lab	48.65, 8.40, -43.38
CIE LCh	49, 44.186, 280.955
Yxy	17.3139, 0.2096, 0.2017
Android (android.graphics.Color)	4282938301 (0xFF4873BD)
YUV	110.5790, 38.6616, -33.8338
Hunter-Lab	41.6093, 4.3530, -42.8860

Details

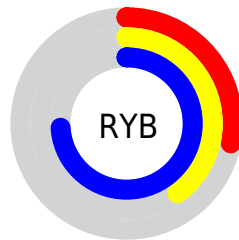
The HunterLab color $41.6093, 4.3530, -42.8860$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $56.4327, 3.8404, 28.3983$, and the grayscale version is $39.5803, -2.1119, 2.1505$.

A 20% lighter version of the original color is $62.4797, 3.9641, -44.1686$, and $24.2560, 4.9463, -40.9955$ is the 20% darker color. If you saturate the color by 10%, you get $37.6082, 7.8203, -52.5898$, and if you desaturate by 10%, it is $45.8921, 1.6582, -33.8924$.

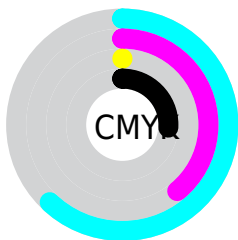
Distribution



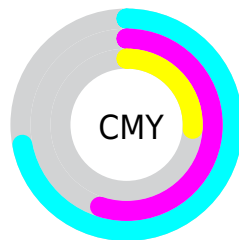
- Red (28%)
- Green (45%)
- Blue (74%)



- Red (28%)
- Yellow (40%)
- Blue (74%)



- Cyan (62%)
- Magenta (39%)
- Yellow (0%)
- Black (26%)



- Cyan (72%)
- Magenta (55%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.6093, 4.3530, -42.8860 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 41.6093, 4.3530, -42.8860 by changing the saturation by 10% instead.

■ 41.6093, 4.3530,
-42.8860

■ 41.6093, 4.3530,
-42.8860

153.9399, 1.7728,
-48.4446

■ 32.3397, 4.3518,
-42.3859

■ 62.3416, 4.1419,
-44.2156

■ 23.8831, 4.2627,
-42.2078

■ 73.7082, 3.9448,
-44.9152

■ 16.3278, 4.0676,
-42.7772

■ 85.6922, 3.6944,
-45.5980

■ 9.7976, 3.7370,
-45.3217

■ 98.2635, 3.3952,
-46.2503

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.3956, 3.0506,
-46.8644

0.0000, NaN, -NF

125.0656, 2.6638,

0.0000, NaN, NaN

-47.4360

0.0000, NaN, NaN

139.2531, 2.2371,
-47.9630

■ 41.6093, 4.3530,
-42.8860

■ 41.6093, 4.3530,
-42.8860

■ 37.6082, 7.8203,
-52.5898

■ 45.8921, 1.6582,
-33.8924

■ 33.9349, 12.1557,
-62.9933

■ 50.4143, -0.3762,
-25.5622

■ 30.6435, 17.4010,
-73.9645

■ 55.1434, -1.8541,
-17.8181

■ 28.2610, 22.1791,
-83.2020

■ 60.0530, -2.8661,
-10.5787

■ 65.1213, -3.4884,
-3.7671

■ 70.3309, -3.7830,
2.6848

■ 75.6675, -3.8007,
8.8353

■ 81.1191, -3.5827,
14.7337

■ 86.6760, -3.1624,
20.4211

Harmonies

Analogous

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



41.6100, -12.6227, -40.6576



41.6093, 4.3530, -42.8860



41.6100, 22.1551, -29.8024

Triad

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



41.6100, 4.3535, -42.8850



41.6100, 26.2960, 18.2341



41.6100, -29.4447, 11.3983

Complementary

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



41.6093, 4.3530, -42.8860



56.4327, 3.8404, 28.3983

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.



41.6100, -22.0249, 19.8882



41.6093, 4.3530, -42.8860



41.6100, 9.3116, 22.5593

Square

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



41.6100, 4.3535, -42.8850



41.6100, 36.1440, 7.8898



41.6100, -8.4137, 23.0049



41.6100, -30.3248, -4.2746

Rectangle

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



41.6093, 4.3530, -42.8860



41.6100, 31.3921, -16.4195



41.6100, -8.4137, 23.0049



41.6100, -27.6982, 14.9803

Sweetspot

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



41.6100, 4.3535, -42.8850



82.1099, -4.0985, -11.7383



63.0807, -37.0552, 13.3637



37.1867, -1.7654, -6.6807



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



41.6100, 4.3535, -42.8850



48.6648, 12.2371, -74.8512



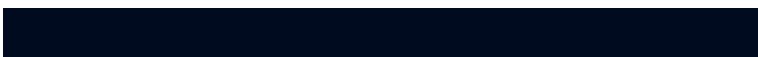
32.0498, 29.1776, -68.8046



31.2796, -1.6914, -0.9842



23.4699, 17.4770, -67.0632



5.8468, 0.8989, -9.2485

Inverse Universe

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



40.8562, 43.8375, 2.4045



49.6199, 69.4487, 6.4637



67.8367, -21.0242, 36.0731



30.9722, 1.5360, 1.2787



27.5423, 48.2798, 9.1704



5.5666, 9.9773, 0.1527

Previews

White Background



This preview shows how the HunterLab color 41.6093, 4.3530, -42.8860 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 41.6093, 4.3530, -42.8860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

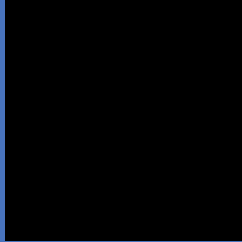
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.6093, 4.3530, -42.8860 Background



This preview shows how black text looks on a background with the HunterLab color 41.6093, 4.3530, -42.8860.

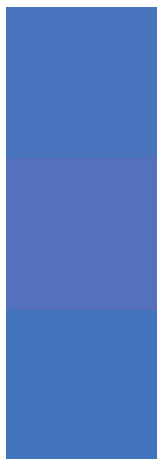


This preview shows how white text looks on a background with the HunterLab color 41.6093, 4.3530, -42.8860.

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

41.6093, 4.3530, -42.8860

Protanopia

41.6852, 7.1798, -41.0570

Deuteranopia

41.7059, 3.2605, -42.6866



Tritanopia

41.5694, -16.7888, -7.9010

Trichromacy



Original Color

41.6093, 4.3530, -42.8860

Protanomaly

41.7310, 6.0500, -41.7753

Deuteranomaly

41.7494, 3.4059, -42.5860

Tritanomaly

41.3495, -9.9768, -19.1602

Monochromacy



Original Color

41.6093, 4.3530, -42.8860

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

39.9923, -1.3215, -11.5927

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.6093, 4.3530, -42.8860 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, 115, 189)` looks like.

```
.text, #text, p{  
    color:rgb(72, 115, 189)  
}
```

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, 115, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 115, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 41.6093, 4.3530, -42.8860 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, 115, 189) }
```


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

```
.border{ border-color:rgb(72, 115, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 115, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 115, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 115, 189);  
box-shadow:4px 4px 4px 4px rgb(72, 115,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.6093, 4.3530, -42.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 115, 189) }
```

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

```
.background{ background-color: rgb(72, 115,  
189) }
```

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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