

Converting Colors

HunterLab(41.5476, 2.8721,
-43.9839)

Have a look what the booklet for
HunterLab(41.5476, 2.8721,
-43.9839) contains.

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Color

**HunterLab(41.5515, 2.8475,
-43.8583)**

Conversions

Conversions Part 1

Format	Color
Hex	3F74BE
RGB	63, 116, 190
RGB Percent	25%, 45%, 75%
CMY	0.7529, 0.5451, 0.2549
CMYK	0.67, 0.39, 0.00, 0.25
HSL	215°, 50%, 50%
HSV	215°, 67%, 75%
XYZ	17.5896, 17.2653, 51.1207
YIQ	108.5890, -55.3420, 11.7780

Conversions

Conversions Part 2

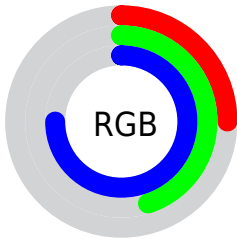
Format	Color
R _Y B	63, 100, 190
Decimal	4158654
CIE Lab	48.59, 6.52, -44.08
CIE LCh	49, 44.557, 278.411
Yxy	17.2658, 0.2046, 0.2008
Android (android.graphics.Color)	4282348734 (0xFF3F74BE)
YUV	108.5890, 40.1356, -39.9816
Hunter-Lab	41.5515, 2.8475, -43.8583

Details

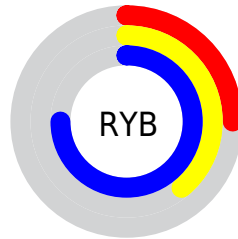
The HunterLab color $41.5515, 2.8475, -43.8583$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $54.0366, 8.1013, 28.2779$, and the grayscale version is $38.8173, -2.0712, 2.1090$.

A 20% lighter version of the original color is $62.3952, 2.2636, -45.1292$, and $24.5638, 4.7710, -41.0019$ is the 20% darker color. If you saturate the color by 10%, you get $37.8712, 6.2065, -52.8231$, and if you desaturate by 10%, it is $45.5076, 0.2748, -35.4231$.

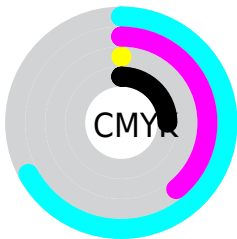
Distribution



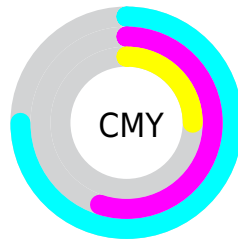
- Red (25%)
- Green (45%)
- Blue (75%)



- Red (25%)
- Yellow (39%)
- Blue (75%)



- Cyan (67%)
- Magenta (39%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.5515, 2.8475, -43.8583 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 41.5515, 2.8475, -43.8583 by changing the saturation by 10% instead.

■ 41.5515, 2.8475,
-43.8583

■ 41.5515, 2.8475,
-43.8583

■ 153.8505, -0.4834,
-49.4966

■ 32.2865, 2.9540,
-43.3758

■ 62.2754, 2.4411,
-45.1842

■ 23.8351, 2.9814,
-43.2372

■ 73.6382, 2.1541,
-45.8902

■ 16.2855, 2.9138,
-43.8906

■ 85.6187, 1.8182,
-46.5824

■ 9.7620, 2.7250,
-46.6298

■ 98.1865, 1.4371,
-47.2462

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.3153, 1.0139,
-47.8731

0.0000, NaN, -NF

124.9821, 0.5514,

0.0000, NaN, NaN

-48.4585

0.0000, NaN, NaN

139.1666, 0.0516,
-49.0000

■ 41.5515, 2.8475,
-43.8583

■ 41.5515, 2.8475,
-43.8583

■ 37.8712, 6.2065,
-52.8231

■ 45.5076, 0.2748,
-35.4231

■ 34.5033, 10.4204,
-62.2691

■ 49.7024, -1.6077,
-27.5147

■ 31.4809, 15.4815,
-72.0798

■ 54.1060, -2.8959,
-20.0941

■ 30.5796, 17.1805,
-75.3097

■ 58.6930, -3.6781,
-13.1093

■ 63.4422, -4.0310,
-6.5051

■ 68.3360, -4.0190,
-0.2290

■ 73.3598, -3.6959,
5.7668

■ 78.5013, -3.1058,
11.5241

■ 83.7503, -2.2854,
17.0789

Harmonies

Analogous

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



41.5522, -13.9539, -40.1945



41.5515, 2.8475, -43.8583



41.5522, 20.9690, -31.7022

Triad

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



41.5522, 2.8481, -43.8573



41.5522, 27.7661, 17.7050



41.5522, -29.2398, 12.4501

Complementary

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



41.5515, 2.8475, -43.8583



54.0366, 8.1013, 28.2779

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.



41.5522, -21.2261, 20.4077



41.5515, 2.8475, -43.8583



41.5522, 10.9819, 22.4433

Square

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



41.5522, 2.8481, -43.8573



41.5522, 36.8427, 6.7010



41.5522, -7.0550, 23.1693



41.5522, -30.6802, -2.7286

Rectangle

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



41.5515, 2.8475, -43.8583



41.5522, 30.7202, -18.3850



41.5522, -7.0550, 23.1693



41.5522, -27.2984, 15.8395

Sweetspot

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



41.5522, 2.8481, -43.8573



83.1513, -5.3206, -11.8021



62.9545, -39.7534, 16.5192



38.1119, -2.4310, -6.7156



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



41.5522, 2.8481, -43.8573



48.9043, 10.7379, -76.7041



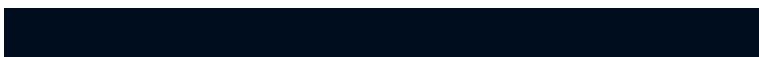
29.3789, 31.8600, -79.6530



31.4037, -1.8971, -0.8314



25.2300, 13.3447, -60.3426



6.1548, 0.3389, -8.4245

Inverse Universe

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



39.7040, 48.1532, 0.6341



48.7249, 75.0696, 4.7557



68.6110, -19.9258, 37.8642



30.9849, 1.6042, 1.0981



27.6989, 48.8542, 6.8989



5.6000, 10.0985, -0.3218

Previews

White Background



This preview shows how the HunterLab color 41.5515, 2.8475, -43.8583 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 41.5515, 2.8475, -43.8583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

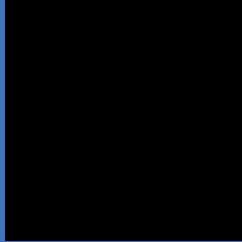
Any Text WCAG AA × Fail

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 41.5515, 2.8475, -43.8583 Background



This preview shows how black text looks on a background with the HunterLab color 41.5515, 2.8475, -43.8583.

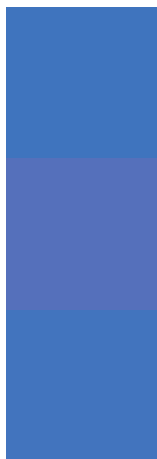


This preview shows how white text looks on a background with the HunterLab color 41.5515, 2.8475, -43.8583.

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

41.5515, 2.8475, -43.8583

Protanopia

41.3612, 7.5009, -41.7748

Deuteranopia

41.6734, 3.2562, -43.5726



Tritanopia

41.4945, -18.5990, -8.5738

Trichromacy



Original Color

41.5515, 2.8475, -43.8583

Protanomaly

41.2539, 5.8742, -42.8541

Deuteranomaly

41.6321, 3.1178, -43.6693

Tritanomaly

41.2521, -11.7907, -19.9925

Monochromacy



Original Color

41.5515, 2.8475, -43.8583

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.6215, -2.6831, -11.6132

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.5515, 2.8475, -43.8583 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(63, 116, 190)` looks like.

```
.text, #text, p{  
    color:rgb(63, 116, 190)  
}
```

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(63, 116, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 116, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 41.5515, 2.8475, -43.8583 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(63, 116, 190) }
```


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

```
.border{ border-color:rgb(63, 116, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 116, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 116, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 116, 190);  
box-shadow:4px 4px 4px 4px rgb(63, 116,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.5515, 2.8475, -43.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 116, 190) }
```

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

```
.background{ background-color: rgb(63, 116,  
190) }
```

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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