

Converting Colors

HunterLab(41.7649, -3.9959,
-34.5024)

Have a look what the booklet for
HunterLab(41.7649, -3.9959,
-34.5024) contains.

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Color

**HunterLab(41.6722, -3.6695,
-35.0641)**

Conversions

Conversions Part 1

Format	Color
Hex	3278B3
RGB	50, 120, 179
RGB Percent	20%, 47%, 70%
CMY	0.8039, 0.5294, 0.2980
CMYK	0.72, 0.33, 0.00, 0.30
HSL	207°, 56%, 45%
HSV	207°, 72%, 70%
XYZ	16.1685, 17.3657, 45.1476
YIQ	105.7960, -60.6590, 3.5090

Conversions

Conversions Part 2

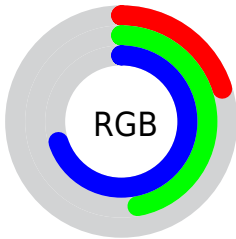
Format	Color
R_{YB}	50, 95, 179
Decimal	3307699
CIE _{Lab}	48.72, -1.91, -37.56
CIE _{LCh}	49, 37.604, 267.087
Yxy	17.3663, 0.2055, 0.2207
Android (android.graphics.Color)	4281497779 (0xFF3278B3)
YUV	105.7960, 36.0896, -48.9331
Hunter-Lab	41.6722, -3.6695, -35.0641

Details

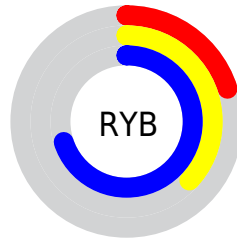
The HunterLab color $41.6722, -3.6695, -35.0641$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $45.5556, 16.8086, 24.4367$, and the grayscale version is $37.7721, -2.0154, 2.0522$.

A 20% lighter version of the original color is $62.4083, -5.0175, -36.3022$, and $24.7812, 0.4508, -31.9475$ is the 20% darker color. If you saturate the color by 10%, you get $38.8727, -1.4011, -41.1198$, and if you desaturate by 10%, it is $44.6855, -5.2663, -29.1440$.

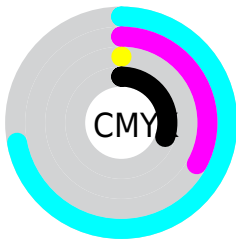
Distribution



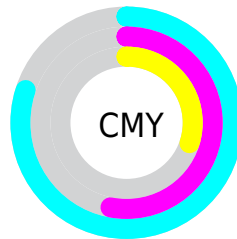
- Red (20%)
- Green (47%)
- Blue (70%)



- Red (20%)
- Yellow (37%)
- Blue (70%)



- Cyan (72%)
- Magenta (33%)
- Yellow (0%)
- Black (30%)



- Cyan (80%)
- Magenta (53%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.6722, -3.6695, -35.0641 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 41.6722, -3.6695, -35.0641 by changing the saturation by 10% instead.

■ 41.6722, -3.6695,
-35.0641

■ 41.6722, -3.6695,
-35.0641

154.0372,
-10.4677, -39.8052

■ 32.3975, -3.0558,
-34.4755

■ 62.4135, -4.9875,
-36.3567

■ 23.9354, -2.4744,
-34.0608

■ 73.7843, -5.6907,
-36.9818

■ 16.3738, -1.9254,
-34.0967

■ 85.7723, -6.4219,
-37.5696

■ 9.8365, -1.4075,
-35.3904

■ 98.3472, -7.1801,
-38.1132

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.4829, -7.9646,
-38.6092

0.0000, NaN, -NF

125.1564, -8.7745,

0.0000, NaN, NaN

-39.0565

0.0000, NaN, NaN

139.3472, -9.6091,
-39.4550

■ 41.6722, -3.6695,
-35.0641

■ 41.6722, -3.6695,
-35.0641

■ 38.8727, -1.4011,
-41.1198

■ 44.6855, -5.2663,
-29.1440

■ 36.2980, 1.5582,
-47.2687

■ 47.8941, -6.2411,
-23.3930

■ 34.3916, 4.2945,
-52.2571

■ 51.2815, -6.6537,
-17.8255

■ 54.8312, -6.5668,
-12.4445

■ 58.5282, -6.0401,
-7.2442

■ 62.3590, -5.1279,
-2.2137

■ 66.3115, -3.8782,
2.6607

■ 70.3754, -2.3329,
7.3938

■ 74.5412, -0.5276,
12.0004

Harmonies

Analogous

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



41.6729, -16.6516, -27.6337



41.6722, -3.6695, -35.0641



41.6729, 11.6086, -29.9394

Triad

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



41.6729, -3.6691, -35.0632



41.6729, 26.4075, 12.8498



41.6729, -23.6147, 14.5062

Complementary

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



41.6722, -3.6695, -35.0641



45.5556, 16.8086, 24.4367

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.



41.6729, -14.4620, 19.9449



41.6722, -3.6695, -35.0641



41.6729, 14.4759, 19.2509

Square

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



41.6729, -3.6691, -35.0632



41.6729, 30.3459, 0.8622



41.6729, -0.7626, 21.3153



41.6729, -27.1090, 3.6272

Rectangle

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



41.6722, -3.6695, -35.0641



41.6729, 20.8499, -20.8255



41.6729, -0.7626, 21.3153



41.6729, -21.1668, 16.8633

Sweetspot

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



41.6729, -3.6691, -35.0632



78.1706, -8.1132, -9.9064



58.3118, -40.3769, 20.7836



36.1643, -3.9305, -5.5280



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



41.6729, -3.6691, -35.0632



50.1265, 0.1454, -59.4538



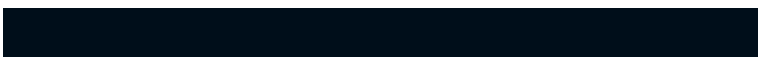
26.0883, 28.8500, -80.3446



29.9476, -2.2741, -0.4068



29.1367, 3.1952, -43.3157



6.1811, -1.1208, -5.3064

Inverse Universe

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



36.3618, 49.8715, -5.6955



44.8776, 75.0569, -4.2076



62.8724, -13.4295, 35.6600



29.2913, 1.6524, 0.6111



27.1977, 48.8742, -0.2340



4.9432, 9.0978, -1.7085

Previews

White Background



This preview shows how the HunterLab color 41.6722, -3.6695, -35.0641 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 41.6722, -3.6695, -35.0641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

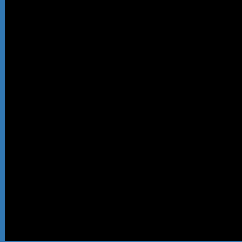
Any Text WCAG AA × Fail

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 41.6722, -3.6695, -35.0641 Background



This preview shows how black text looks on a background with the HunterLab color 41.6722, -3.6695, -35.0641.



This preview shows how white text looks on a background with the HunterLab color 41.6722, -3.6695,

-35.0641.

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

41.6722, -3.6695, -35.0641

Protanopia

41.4814, 5.1395, -30.8576

Deuteranopia

41.5478, 3.2371, -35.9609



Tritanopia

41.5612, -19.8767, -9.0397

Trichromacy



Original Color

41.6722, -3.6695, -35.0641

Protanomaly

41.4797, 1.1054, -32.3929

Deuteranomaly

41.5729, 0.4704, -35.9567

Tritanomaly

41.3470, -14.7977, -17.9965

Monochromacy



Original Color

41.6722, -3.6695, -35.0641

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.7824, -4.5567, -10.1064

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.6722, -3.6695, -35.0641 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(50, 120, 179)` looks like.

```
.text, #text, p{  
    color:rgb(50, 120, 179)  
}
```

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(50, 120, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 120, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 41.6722, -3.6695, -35.0641 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(50, 120, 179) }
```


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

```
.border{ border-color:rgb(50, 120, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 120, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 120, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 120, 179);  
box-shadow:4px 4px 4px 4px rgb(50, 120,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.6722, -3.6695, -35.0641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 120, 179) }
```

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

```
.background{ background-color: rgb(50, 120,  
179) }
```

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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