

Converting Colors

HunterLab(41.9453, 10.7885,
-40.4254)

Have a look what the booklet for
HunterLab(41.9453, 10.7885,
-40.4254) contains.

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Color

**HunterLab(41.9635, 10.7855,
-40.3788)**

Conversions

Conversions Part 1

Format	Color
Hex	636FBB
RGB	99, 111, 187
RGB Percent	39%, 44%, 73%
CMY	0.6117, 0.5647, 0.2667
CMYK	0.47, 0.41, 0.00, 0.27
HSL	232°, 39%, 56%
HSV	232°, 47%, 73%
XYZ	19.7996, 17.6094, 49.3690
YIQ	116.0760, -31.5480, 21.0920

Conversions

Conversions Part 2

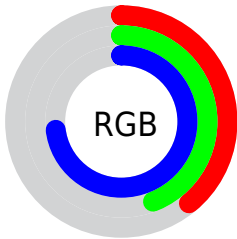
Format	Color
R_{YB}	99, 110, 187
Decimal	6516667
CIE _{Lab}	49.02, 16.15, -41.55
CIE _{LCh}	49, 44.573, 291.237
Yxy	17.6100, 0.2282, 0.2029
Android (android.graphics.Color)	4284706747 (0xFF636FBB)
YUV	116.0760, 34.9655, -14.9757
Hunter-Lab	41.9635, 10.7855, -40.3788

Details

The HunterLab color $41.9635, 10.7855, -40.3788$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $64.9051, -8.8674, 29.0550$, and the grayscale version is $41.6991, -2.2250, 2.2656$.

A 20% lighter version of the original color is $62.6437, 11.6913, -42.2005$, and $24.2360, 9.6087, -39.1831$ is the 20% darker color. If you saturate the color by 10%, you get $36.6937, 15.4804, -53.0843$, and if you desaturate by 10%, it is $47.5781, 6.8164, -29.1503$.

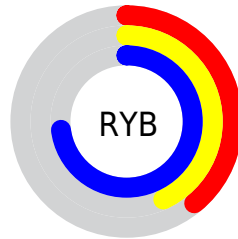
Distribution



Red (39%)

Green (44%)

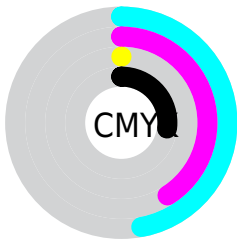
Blue (73%)



Red (39%)

Yellow (43%)

Blue (73%)

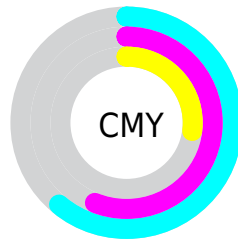


Cyan (47%)

Magenta (41%)

Yellow (0%)

Black (27%)



Cyan (61%)

Magenta (56%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9635, 10.7855, -40.3788 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 41.9635, 10.7855, -40.3788 by changing the saturation by 10% instead.

■ 41.9635, 10.7855,
-40.3788

■ 41.9635, 10.7855,
-40.3788

■ 154.4873, 11.2107,
-45.7028

■ 32.6655, 10.3622,
-39.8356

■ 62.7468, 11.3479,
-41.7111

■ 24.1777, 9.8228,
-39.5556

■ 74.1366, 11.5091,
-42.3908

■ 16.5874, 9.1446,
-39.9011

■ 86.1427, 11.6013,
-43.0459

■ 10.0169, 8.2975,
-41.9112

■ 98.7349, 11.6307,
-43.6654

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.8871, 11.6024,
-44.2431

0.0000, NaN, -NF

■ 125.5764, 11.5206,

0.0000, NaN, NaN

-44.7760

0.0000, NaN, NaN

139.7826, 11.3890,
-45.2627

■ 41.9635, 10.7855,
-40.3788

■ 41.9635, 10.7855,
-40.3788

■ 36.6937, 15.4804,
-53.0843

■ 47.5781, 6.8164,
-29.1503

■ 31.8561, 21.0507,
-67.5033

■ 53.4714, 3.4232,
-19.1212

■ 27.5768, 27.5674,
-83.6046

■ 59.5979, 0.4816,
-10.0388

■ 24.0207, 34.8303,
-100.6327

■ 65.9237, -2.1064,
-1.6981

■ 21.3650, 42.0587,
-116.5674

■ 72.4234, -4.4157,
6.0612

■ 20.7474, 43.9456,
-120.7983

■ 79.0771, -6.5035,
13.3632

■ 85.8694, -8.4136,
20.3035

■ 92.7878, -10.1796,
26.9560

■ 98.1671, -15.4714,
31.8242

Harmonies

Analogous

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



41.9642, -7.2924, -43.8473



41.9635, 10.7855, -40.3788



41.9642, 27.6667, -23.4028

Triad

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



41.9642, 10.7856, -40.3777



41.9642, 21.2155, 20.4766



41.9642, -30.8138, 6.9153

Complementary

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



41.9635, 10.7855, -40.3788



64.9051, -8.8674, 29.0550

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.



41.9642, -25.5799, 17.8978



41.9635, 10.7855, -40.3788



41.9642, 3.0605, 23.3152

Square

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



41.9642, 10.7856, -40.3777



41.9642, 34.3474, 12.3843



41.9642, -13.8506, 22.6206



41.9642, -29.4425, -11.1874

Rectangle

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



41.9635, 10.7855, -40.3788



41.9642, 35.0099, -9.4962



41.9642, -13.8506, 22.6206



41.9642, -29.8053, 11.4058

Sweetspot

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



41.9642, 10.7856, -40.3777



82.1293, -0.3790, -10.1848



64.2199, -27.5068, 2.2139



37.6873, 0.1888, -5.9453



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.



41.9642, 10.7856, -40.3777



49.2092, 20.6136, -70.7673



41.5241, 24.5162, -41.1126



30.7076, -0.7327, -1.6968



17.4042, 35.7837, -99.0004



4.3290, 4.2734, -14.6359

Inverse Universe

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



45.4280, 29.8345, 8.8862



55.5288, 49.4917, 14.3359



65.9772, -24.0902, 29.6243



30.9144, 1.2248, 2.1038



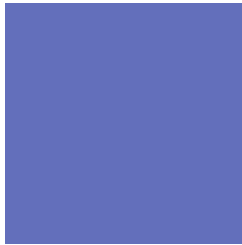
27.0841, 46.5899, 15.8918



5.4247, 9.4586, 2.1988

Previews

White Background



This preview shows how the HunterLab color 41.9635, 10.7855, -40.3788 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 41.9635, 10.7855, -40.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

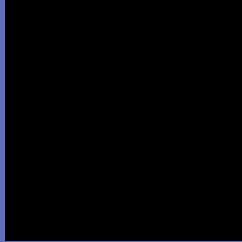
Any Text WCAG AA ✓ Pass

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 41.9635, 10.7855, -40.3788 Background



This preview shows how black text looks on a background with the HunterLab color 41.9635, 10.7855, -40.3788.



This preview shows how white text looks on a background with the HunterLab color 41.9635, 10.7855, -40.3788.

-40.3788.

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

41.9635, 10.7855, -40.3788

Protanopia

42.0561, 7.2153, -41.8316

Deuteranopia

41.9195, 3.6659, -39.8092



Tritanopia

42.0694, -10.4694, -5.5339

Trichromacy



Original Color

41.9635, 10.7855, -40.3788

Protanomaly

42.0300, 8.3994, -41.0690

Deuteranomaly

41.7907, 6.0406, -40.0496

Tritanomaly

41.9731, -3.4258, -16.7670

Monochromacy



Original Color

41.9635, 10.7855, -40.3788

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

41.5964, 1.5743, -10.8177

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9635, 10.7855, -40.3788 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(99, 111, 187)` looks like.

```
.text, #text, p{  
    color:rgb(99, 111, 187)  
}
```

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(99, 111, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 111, 187) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9635, 10.7855, -40.3788 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(99, 111, 187) }
```


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

```
.border{ border-color:rgb(99, 111, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 111, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 111, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 111, 187);  
box-shadow:4px 4px 4px 4px rgb(99, 111,  
187) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9635, 10.7855, -40.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 111, 187) }
```

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

```
.background{ background-color: rgb(99, 111,  
187) }
```

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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