

Converting Colors

HunterLab(42.4386, -0.6748,
-13.5855)

Have a look what the booklet for
HunterLab(42.4386, -0.6748,
-13.5855) contains.

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Color

**HunterLab(42.4386, -0.6748,
-13.5855)**

Conversions

Conversions Part 1

Format	Color
Hex	677695
RGB	103, 118, 149
RGB Percent	40%, 46%, 58%
CMY	0.5961, 0.5372, 0.4157
CMYK	0.31, 0.21, 0.00, 0.42
HSL	220°, 18%, 49%
HSV	220°, 31%, 58%
XYZ	17.4968, 18.0103, 30.9879
YIQ	117.0490, -18.8910, 6.4610

Conversions

Conversions Part 2

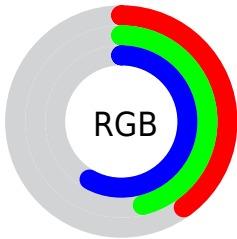
Format	Color
RYB	103, 114, 149
Decimal	6780565
CIELab	49.51, 2.07, -18.61
CIELCh	50, 18.722, 276.333
Yxy	18.0111, 0.2631, 0.2709
Android (android.graphics.Color)	4284970645 (0xFF677695)
YUV	117.0490, 15.7518, -12.3210
Hunter-Lab	42.4386, -0.6748, -13.5855

Details

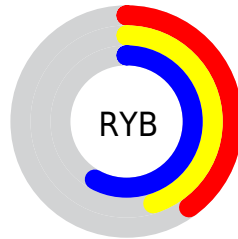
The HunterLab color $42.4386, -0.6748, -13.5855$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $49.4159, -2.0679, 15.0169$, and the grayscale version is $42.1429, -2.2486, 2.2897$.

A 20% lighter version of the original color is $63.2691, -1.6169, -13.9887$, and $24.5895, -0.0856, -12.7116$ is the 20% darker color. If you saturate the color by 10%, you get $38.6867, 0.6663, -19.7270$, and if you desaturate by 10%, it is $46.3296, -1.6791, -7.8696$.

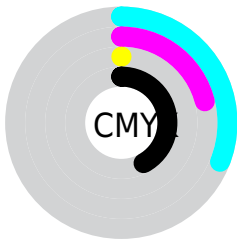
Distribution



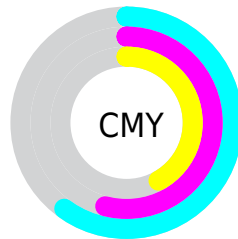
- Red (40%)
- Green (46%)
- Blue (58%)



- Red (40%)
- Yellow (45%)
- Blue (58%)



- Cyan (31%)
- Magenta (21%)
- Yellow (0%)
- Black (42%)



- Cyan (60%)
- Magenta (54%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.4386, -0.6748, -13.5855 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 42.4386, -0.6748, -13.5855 by changing the saturation by 10% instead.

■ 42.4386, -0.6748,
-13.5855

■ 42.4386, -0.6748,
-13.5855

■ 155.2203, -5.8488,
-13.8959

■ 33.1028, -0.3012,
-13.2437

■ 63.2899, -1.5652,
-14.0607

■ 24.5735, 0.0182,
-12.8371

■ 74.7107, -2.0732,
-14.2010

■ 16.9368, 0.2743,
-12.3849

■ 86.7462, -2.6191,
-14.2812

■ 10.3126, 0.4537,
-11.9680

■ 99.3664, -3.2007,
-14.3047

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.5455, -3.8160,
-14.2751

0.0000, NaN, NaN

■ 126.2606, -4.4634,

0.0000, NaN, NaN

-14.1953

0.0000, NaN, NaN

140.4915, -5.1414,
-14.0681

■ 42.4386, -0.6748,
-13.5855

■ 42.4386, -0.6748,
-13.5855

■ 38.6867, 0.6663,
-19.7270

■ 46.3296, -1.6791,
-7.8696

■ 35.0923, 2.4151,
-26.3745

■ 50.3405, -2.4026,
-2.5115

■ 31.6830, 4.6529,
-33.6057

■ 54.4586, -2.8923,
2.5499

■ 28.4921, 7.4684,
-41.4817

■ 58.6731, -3.1855,
7.3653

■ 25.5610, 10.9422,
-50.0122

■ 62.9749, -3.3124,
11.9765

■ 22.9383, 15.1131,
-59.0961

■ 67.3566, -3.2975,
16.4183

■ 20.8143, 19.3699,
-67.8301

■ 71.8120, -3.1605,
20.7189

■ 76.3358, -2.9177,
24.9019

■ 80.9234, -2.5824,
28.9866

Harmonies

Analogous

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



42.4394, -7.8643, -12.1588



42.4386, -0.6748, -13.5855



42.4394, 6.5567, -10.1964

Triad

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



42.4394, -0.6753, -13.5846



42.4394, 9.8984, 9.6155



42.4394, -14.6040, 7.4233

Complementary

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



42.4386, -0.6748, -13.5855



49.4159, -2.0679, 15.0169

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.



42.4394, -10.4234, 11.8853



42.4386, -0.6748, -13.5855



42.4394, 3.6369, 12.9900

Square

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



42.4394, -0.6753, -13.5846



42.4394, 12.9269, 3.7857



42.4394, -3.8351, 13.7430



42.4394, -15.5842, 0.7795

Rectangle

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



42.4386, -0.6748, -13.5855



42.4394, 10.3233, -5.9581



42.4394, -3.8351, 13.7430



42.4394, -13.5411, 9.1902

Sweetspot

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



42.4394, -0.6753, -13.5846



68.2881, -3.3464, -2.1913



51.0791, -17.3259, 5.1324



31.8053, -1.5270, -1.4652



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



42.4394, -0.6753, -13.5846



53.3174, 0.2776, -23.7666



39.0243, 8.5029, -19.0048



24.3382, -1.1924, -0.7846



19.2243, 17.4299, -61.6549



3.0751, -0.0418, -3.7534

Inverse Universe

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



41.7117, 14.7968, 1.5980



52.3872, 25.2470, 2.1860



53.0721, -11.3578, 18.1680



24.1758, 1.0633, 1.1212



23.5933, 41.2041, 9.0449



2.7039, 4.9001, -0.3425

Previews

White Background



This preview shows how the HunterLab color 42.4386, -0.6748, -13.5855 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 42.4386, -0.6748, -13.5855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

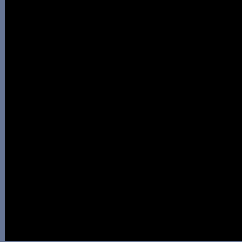
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

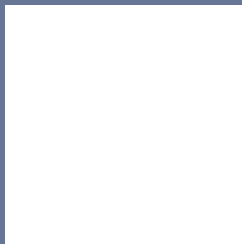
Any Text WCAG AAA × Fail

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

HunterLab 42.4386, -0.6748, -13.5855 Background



This preview shows how black text looks on a background with the HunterLab color 42.4386, -0.6748, -13.5855.



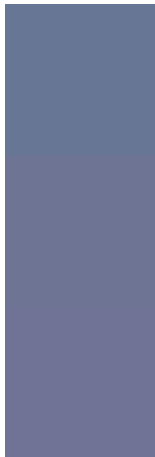
This preview shows how white text looks on a background with the HunterLab color 42.4386, -0.6748, -13.5855.

-13.5855.

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

42.4386, -0.6748, -13.5855

Protanopia

42.3602, 1.8079, -13.0805

Deuteranopia

42.3181, 3.2090, -14.2939



Tritanopia

42.3864, -6.4605, -4.0308

Trichromacy



Original Color

42.4386, -0.6748, -13.5855

Protanomaly

42.4105, 0.5731, -13.0246

Deuteranomaly

42.3604, 1.9591, -14.2494

Tritanomaly

42.3996, -4.4849, -7.5754

Monochromacy



Original Color

42.4386, -0.6748, -13.5855

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.1335, -1.6878, -3.2929

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4386, -0.6748, -13.5855 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(103, 118, 149)` looks like.

```
.text, #text, p{  
    color:rgb(103, 118, 149)  
}
```

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(103, 118, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 118, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4386, -0.6748, -13.5855 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(103, 118, 149) }
```


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

```
.border{ border-color:rgb(103, 118, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 118, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 118, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 118, 149);  
box-shadow:4px 4px 4px 4px rgb(103, 118,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4386, -0.6748, -13.5855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 118, 149) }
```

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

```
.background{ background-color: rgb(103,  
118, 149) }
```

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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