

Converting Colors

HunterLab(34.8366, 13.2835,
-13.0530)

Have a look what the booklet for
HunterLab(34.8366, 13.2835,
-13.0530) contains.

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Color

**HunterLab(34.7677, 13.6364,
-13.1638)**

Conversions

Conversions Part 1

Format	Color
Hex	745780
RGB	116, 87, 128
RGB Percent	45%, 34%, 50%
CMY	0.5451, 0.6588, 0.4980
CMYK	0.09, 0.32, 0.00, 0.50
HSL	282°, 19%, 42%
HSV	282°, 32%, 50%
XYZ	14.5070, 12.0879, 21.9907
YIQ	100.3450, 4.1230, 18.8990

Conversions

Conversions Part 2

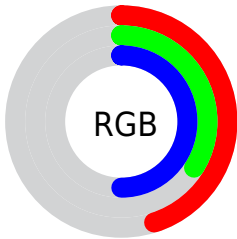
Format	Color
R_{YB}	116, 87, 128
Decimal	7624576
CIE _{Lab}	41.36, 19.98, -18.45
CIE _{LCh}	41, 27.201, 317.282
Yxy	12.0884, 0.2986, 0.2488
Android (android.graphics.Color)	4285814656 (0xFF745780)
YUV	100.3450, 13.6339, 13.7294
Hunter-Lab	34.7677, 13.6364, -13.1638

Details

The HunterLab color $[34.7677, 13.6364, -13.1638]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[43.3353, -15.7584, 14.0898]$, and the grayscale version is $[35.7781, -1.9090, 1.9439]$.

A 20% lighter version of the original color is $[54.4633, 14.9694, -13.7682]$, and $[18.2857, 12.1127, -12.5050]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.5352, 18.8124, -18.6353]$, and if you desaturate by 10%, it is $[38.2232, 8.5073, -7.9762]$.

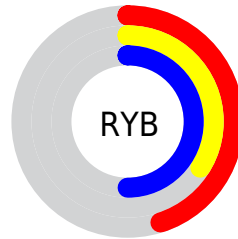
Distribution



Red (45%)

Green (34%)

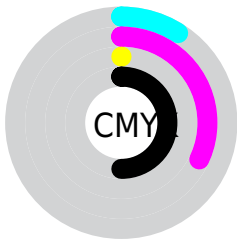
Blue (50%)



Red (45%)

Yellow (34%)

Blue (50%)

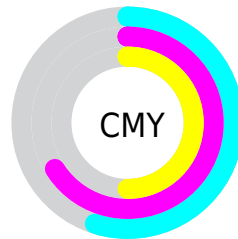


Cyan (9%)

Magenta (32%)

Yellow (0%)

Black (50%)



Cyan (55%)

Magenta (66%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.7677, 13.6364, -13.1638 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 34.7677, 13.6364, -13.1638 by changing the saturation by 10% instead.

■ 34.7677, 13.6364,
-13.1638

■ 34.7677, 13.6364,
-13.1638

■ 143.1747, 16.0108,
-13.8447

■ 26.0844, 12.9193,
-12.7721

■ 54.4574, 14.7199,
-13.7399

■ 18.2751, 12.0607,
-12.3283

■ 65.3514, 15.1172,
-13.9269

■ 11.4525, 11.0366,
-11.8920

■ 76.8881, 15.4322,
-14.0506

■ 3.8750, 22.2663,
-20.8661

■ 89.0337, 15.6730,
-14.1148

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 101.7590, 15.8462,
-14.1231

0.0000, NaN, NaN

115.0387, 15.9573,

0.0000, NaN, NaN

-14.0790

0.0000, NaN, NaN

128.8505, 16.0108,
-13.9852

■ 34.7677, 13.6364,
-13.1638

■ 34.7677, 13.6364,
-13.1638

■ 31.5352, 18.8124,
-18.6353

■ 38.2232, 8.5073,
-7.9762

■ 28.5645, 23.9570,
-24.3690

■ 41.8662, 3.4634,
-3.0632

■ 25.9055, 28.9161,
-30.2716

■ 45.6711, -1.4860,
1.6041

■ 23.6135, 33.4360,
-36.1415

■ 49.6165, -6.3438,
6.0585

■ 21.7431, 37.1592,
-41.6398

■ 53.6857, -11.1191,
10.3320

■ 20.3336, 39.6872,
-46.3244

■ 57.8647, -15.8232,
14.4536

■ 19.3887, 41.2418,
-49.7815

■ 62.1426, -20.4676,
18.4488

■ 66.5101, -25.0630,
22.3391

■ 70.9594, -29.6192,
26.1425

Harmonies

Analogous

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



34.7684, 4.1183, -20.8448



34.7677, 13.6364, -13.1638



34.7684, 19.2472, -2.4370

Triad

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



34.7684, 13.6356, -13.1629



34.7684, 2.5341, 15.5457



34.7684, -18.5637, -4.0717

Complementary

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



34.7677, 13.6364, -13.1638



43.3353, -15.7584, 14.0898

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.



34.7684, -18.8844, 5.7282



34.7677, 13.6364, -13.1638



34.7684, -7.4542, 15.3397

Square

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



34.7684, 13.6356, -13.1629



34.7684, 12.3620, 12.9357



34.7684, -15.0369, 12.2587



34.7684, -14.1043, -14.6508

Rectangle

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



34.7677, 13.6364, -13.1638



34.7684, 19.6410, 4.1593



34.7684, -15.0369, 12.2587



34.7684, -19.1394, -0.5380

Sweetspot

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



34.7684, 13.6356, -13.1629



56.4454, 3.4045, -2.9273



35.4484, -0.0099, -12.3147



27.0276, 2.0259, -1.7775



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



34.7684, 13.6356, -13.1629



43.1625, 22.7926, -22.3956



35.7174, 15.8999, -7.1044



20.8595, 0.9715, -0.8105



19.3086, 41.0699, -49.5637

0.0000, NaN, NaN

Inverse Universe

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



35.0813, 12.7061, 1.8882



43.7255, 21.3078, 2.7012



42.7724, -17.5749, 10.9742



20.8887, 0.8352, 1.0487



21.6474, 37.6980, 9.1334

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 34.7677, 13.6364, -13.1638 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 34.7677, 13.6364, -13.1638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

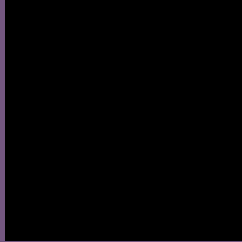
Any Text WCAG AA × Fail

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 34.7677, 13.6364, -13.1638 Background



This preview shows how black text looks on a background with the HunterLab color 34.7677, 13.6364, -13.1638.



This preview shows how white text looks on a background with the HunterLab color 34.7677, 13.6364, -13.1638.

-13.1638.

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

34.7677, 13.6364, -13.1638

Protanopia

34.7756, 2.7588, -17.6030

Deuteranopia

34.8531, 2.3209, -12.0612



Tritanopia

34.9193, 4.8165, 1.1303

Trichromacy



Original Color

34.7677, 13.6364, -13.1638

Protanomaly

34.6930, 6.2202, -15.8204

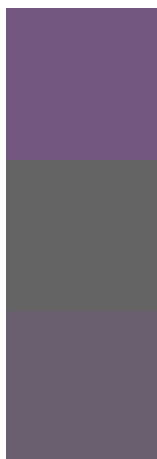
Deuteranomaly

34.8249, 6.2637, -12.6158

Tritanomaly

34.8119, 7.6122, -3.5405

Monochromacy



Original Color

34.7677, 13.6364, -13.1638

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

35.1772, 3.6474, -3.1238

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.7677, 13.6364, -13.1638 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(116, 87, 128)` looks like.

```
.text, #text, p{  
    color:rgb(116, 87, 128)  
}
```

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(116, 87, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 87, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 34.7677, 13.6364, -13.1638 is called "border". The border property can be set on classes, ids or directly on the HTML element.

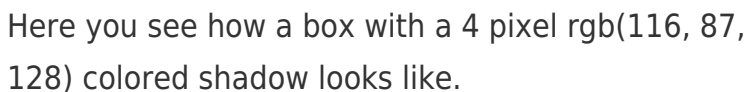
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 87, 128) }
```


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

```
.border{ border-color:rgb(116, 87, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 87, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 87, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 87, 128); box-shadow:4px 4px 4px 4px rgb(116, 87, 128) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.7677, 13.6364, -13.1638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 87, 128) }
```

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

```
.background{ background-color: rgb(116, 87,  
128) }
```

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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