

Converting Colors

HunterLab(42.9191, -2.6903,
2.4731)

Have a look what the booklet for
HunterLab(42.9191, -2.6903, 2.4731)
contains.

HunterLab(42.8685, -2.5773, 2.2320)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

HunterLab(42.8685, -2.5773,
2.2320)

Conversions

Conversions Part 1

Format	Color
Hex	767777
RGB	118, 119, 119
RGB Percent	46%, 47%, 47%
CMY	0.5373, 0.5333, 0.5333
CMYK	0.01, 0.00, 0.00, 0.53
HSL	180°, 0%, 46%
HSV	180°, 1%, 47%
XYZ	17.3978, 18.3771, 20.0829
YIQ	118.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

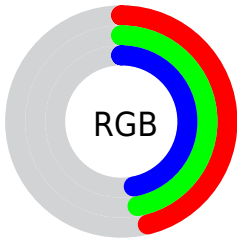
Format	Color
R_{YB}	118, 119, 119
Decimal	7763831
CIE _{Lab}	49.95, -0.38, -0.14
CIE _{LCh}	50, 0.401, 200.117
Yxy	18.3779, 0.3115, 0.3290
Android (android.graphics.Color)	4285953911 (0xFF767777)
YUV	118.7010, 0.1474, -0.6148
Hunter-Lab	42.8685, -2.5773, 2.2320

Details

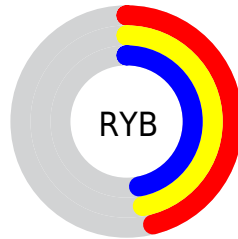
The HunterLab color $42.8685, -2.5773, 2.2320$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42.6465, -1.9831, 2.4141$, and the grayscale version is $42.8351, -2.2856, 2.3273$.

A 20% lighter version of the original color is $63.7277, -3.7104, 3.3585$, and $25.0270, -1.6000, 1.2711$ is the 20% darker color. If you saturate the color by 10%, you get $41.9475, -5.8286, 1.0889$, and if you desaturate by 10%, it is $43.8918, 0.9441, 3.4755$.

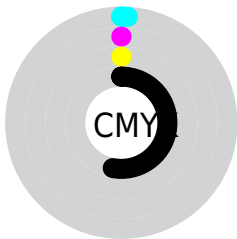
Distribution



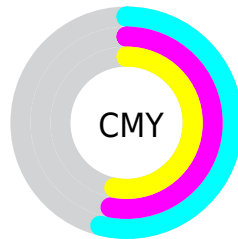
- Red (46%)
- Green (47%)
- Blue (47%)



- Red (46%)
- Yellow (47%)
- Blue (47%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (53%)



- Cyan (54%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8685, -2.5773, 2.2320 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 42.8685, -2.5773, 2.2320 by changing the saturation by 10% instead.

■ 42.8685, -2.5773,
2.2320

■ 42.8685, -2.5773,
2.2320

■ 155.8821, -8.7699,
8.3302

■ 33.4987, -2.0549,
1.7305

■ 63.7810, -3.7362,
3.3567

■ 24.9321, -1.5724,
1.2729

■ 75.2296, -4.3663,
3.9734

■ 17.2538, -1.1344,
0.8647

■ 87.2915, -5.0283,
4.6238

■ 10.5816, -0.7458,
0.5126

■ 99.9370, -5.7206,
5.3062

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 113.1402, -6.4420,
6.0193

0.0000, NaN, NaN

■ 126.8784, -7.1913,

0.0000, NaN, NaN

141.1318, -7.9676,
7.5323

■ 42.8685, -2.5773,
2.2320

■ 42.8685, -2.5773,
2.2320

■ 41.9475, -5.8286,
1.0889

■ 43.8918, 0.9441,
3.4755

■ 41.1282, -8.7805,
0.0530

■ 45.0119, 4.7109,
4.8077

■ 40.4125, -11.4107,
-0.8671

■ 46.2265, 8.6939,
6.2199

■ 39.8004, -13.7001,
-1.6653

■ 47.5319, 12.8660,
7.7027

■ 39.2908, -15.6361,
-2.3374

■ 48.9240, 17.2015,
9.2470

■ 38.8810, -17.2136,
-2.8819

■ 50.3988, 21.6767,
10.8448

■ 38.5668, -18.4363,
-3.3006

■ 51.9521, 26.2703,
12.4885

■ 38.3419, -19.3184,
-3.5987

■ 53.5797, 30.9634,
14.1715

■ 38.1983, -19.8857,
-3.7855

■ 55.2776, 35.7396,
15.8880

Harmonies

Analogous

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



42.8694, -2.5925, 2.3837



42.8685, -2.5773, 2.2320



42.8694, -2.4869, 2.1082

Triad

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



42.8694, -2.5783, 2.2327



42.8694, -2.0533, 2.1454



42.8694, -2.2369, 2.6209

Complementary

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



42.8685, -2.5773, 2.2320



42.6465, -1.9831, 2.4141

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.



42.8694, -2.0922, 2.5575



42.8685, -2.5773, 2.2320



42.8694, -1.9861, 2.2832

Square

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



42.8694, -2.5783, 2.2327



42.8694, -2.1838, 2.0577



42.8694, -2.0003, 2.4341



42.8694, -2.3955, 2.6075

Rectangle

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



42.8685, -2.5773, 2.2320



42.8694, -2.3943, 2.0573



42.8694, -2.0003, 2.4341



42.8694, -2.1850, 2.6079

Sweetspot

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



42.8694, -2.5783, 2.2327



57.4755, -3.0668, 3.1228



42.8429, -2.7265, 2.6322



27.9800, -1.4929, 1.5202



78.7982, -4.2045, 4.2813

Same Dimension

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



42.8694, -2.5783, 2.2327



57.3416, -3.5333, 2.9584



42.7351, -2.3553, 2.0770



20.7501, -1.2580, 1.0774



39.2758, -20.8774, -4.0231



86.7009, -46.0934, -8.8663

Inverse Universe

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



42.6465, -1.9831, 2.4141



56.9785, -2.5636, 3.2539



42.7804, -2.2065, 2.5681



20.6345, -0.9493, 1.1714



20.4143, 34.9630, 13.1688



45.0630, 77.1744, 29.0979

Previews

White Background



This preview shows how the HunterLab color 42.8685, -2.5773, 2.2320 looks on a white 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

Black Background



This preview shows how the HunterLab color 42.8685, -2.5773, 2.2320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

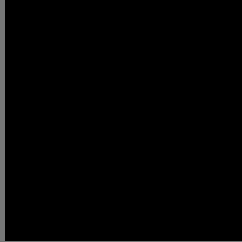
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

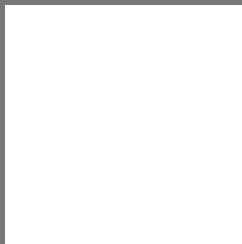
Any Text WCAG AAA × Fail

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

HunterLab 42.8685, -2.5773, 2.2320 Background



This preview shows how black text looks on a background with the HunterLab color 42.8685, -2.5773, 2.2320.



This preview shows how white text looks on a background with the HunterLab color 42.8685, -2.5773,

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

42.8685, -2.5773, 2.2320

Protanopia

42.8412, -1.2520, 2.2230

Deuteranopia

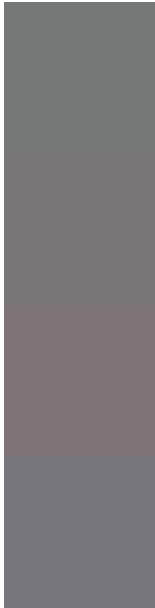
42.8525, 3.0138, 1.8730



Tritanopia

42.9082, -0.5540, -1.3144

Trichromacy



Original Color

42.8685, -2.5773, 2.2320

Protanomaly

42.7573, -1.5423, 2.1187

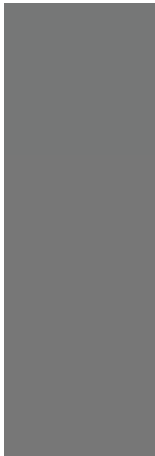
Deuteranomaly

42.7580, 1.3182, 1.7307

Tritanomaly

42.8183, -1.0434, -0.0382

Monochromacy



Original Color

42.8685, -2.5773, 2.2320

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

42.9506, -2.2917, 2.3336

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8685, -2.5773, 2.2320 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(118, 119, 119)` looks like.

```
.text, #text, p{  
    color:rgb(118, 119, 119)  
}
```

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(118, 119, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 119, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8685, -2.5773, 2.2320 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(118, 119, 119) }
```

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

```
.border{ border-color:rgb(118, 119, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 119, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 119, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 119, 119);  
box-shadow:4px 4px 4px 4px rgb(118, 119,  
119) }
```


Background

The CSS property to change the background color of an element to HunterLab 42.8685, -2.5773, 2.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 119, 119) }
```

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

```
.background{ background-color: rgb(118,  
119, 119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor