

Converting Colors

HunterLab(46.0720, -2.7668,
5.0629)

Have a look what the booklet for
HunterLab(46.0720, -2.7668, 5.0629)
contains.

HunterLab(46.0721, -2.7753, 5.0619)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

HunterLab(46.0721, -2.7753,
5.0619)

Conversions

Conversions Part 1

Format	Color
Hex	817F79
RGB	129, 127, 121
RGB Percent	51%, 50%, 47%
CMY	0.4941, 0.5019, 0.5255
CMYK	0.00, 0.02, 0.06, 0.49
HSL	45°, 3%, 49%
HSV	45°, 6%, 51%
XYZ	20.0939, 21.2264, 21.1272
YIQ	126.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

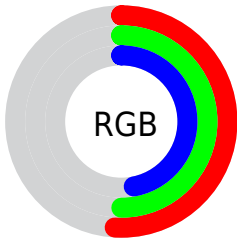
Format	Color
R_YB	124, 129, 121
Decimal	8486777
CIE Lab	53.20, -0.40, 3.52
CIE LCh	53, 3.541, 96.518
Yxy	21.2273, 0.3218, 0.3399
Android (android.graphics.Color)	4286676857 (0xFF817F79)
YUV	126.9140, -2.9156, 1.8294
Hunter-Lab	46.0721, -2.7753, 5.0619

Details

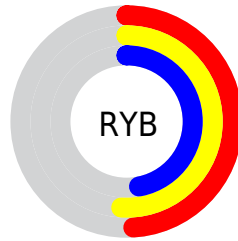
The HunterLab color $46.0721, -2.7753, 5.0619$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44.5147, -1.9907, -0.2679$, and the grayscale version is $46.0459, -2.4569, 2.5018$.

A 20% lighter version of the original color is $67.5313, -4.1103, 6.8301$, and $27.6320, -1.6171, 3.4734$ is the 20% darker color. If you saturate the color by 10%, you get $44.8474, -3.0749, 8.7874$, and if you desaturate by 10%, it is $47.3399, -2.2970, 0.9280$.

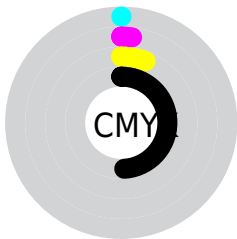
Distribution



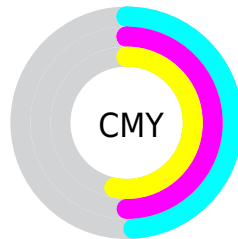
- Red (51%)
- Green (50%)
- Blue (47%)



- Red (49%)
- Yellow (51%)
- Blue (47%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (49%)



- Cyan (49%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.0721, -2.7753, 5.0619 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 46.0721, -2.7753, 5.0619 by changing the saturation by 10% instead.

■ 46.0721, -2.7753,
5.0619

■ 46.0721, -2.7753,
5.0619

160.7744, -9.0663,
12.6919

■ 36.4558, -2.2390,
4.3354

■ 67.4281, -3.9599,
6.5902

■ 27.6201, -1.7412,
3.6316

■ 79.0794, -4.6018,
7.3909

■ 19.6426, -1.2865,
2.9485

■ 91.3338, -5.2750,
8.2159

■ 12.6278, -0.8791,
2.2801

104.1629, -5.9780,
9.0649

■ 5.9495, -0.6122,
2.7753

117.5421, -6.7096,
9.9374

0.0000, NaN, NaN

131.4497, -7.4689,

0.0000, NaN, NaN

10.8331

0.0000, NaN, NaN

145.8662, -8.2547,
11.7514

0.0000, NaN, NaN

■ 46.0721, -2.7753,
5.0619

■ 46.0721, -2.7753,
5.0619

■ 44.8474, -3.0749,
8.7874

■ 47.3399, -2.2970,
0.9280

■ 43.6640, -3.1860,
12.0837

■ 48.6465, -1.6435,
-3.5968

■ 42.5242, -3.1045,
14.9350

■ 49.9914, -0.8235,
-8.4915

■ 41.4288, -2.8268,
17.3275

■ 51.3733, 0.1551,
-13.7359

■ 40.3787, -2.3510,
19.2516

■ 52.7907, 1.2846,
-19.3101

■ 39.3742, -1.6781,
20.7037

■ 54.2424, 2.5571,
-25.1949

■ 38.4153, -0.8123,
21.6882

■ 55.7269, 3.9650,
-31.3715

■ 37.5012, 0.2374,
22.2209

■ 57.2430, 5.5008,
-37.8224

■ 36.6279, 1.4440,
22.3674

■ 58.7893, 7.1574,
-44.5308

Harmonies

Analogous

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



46.0731, -1.3461, 4.8717



46.0721, -2.7753, 5.0619



46.0731, -4.1060, 4.5862

Triad

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



46.0731, -2.7765, 5.0626



46.0731, -4.6772, 0.9037



46.0731, 0.1209, 1.4400

Complementary

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



46.0721, -2.7753, 5.0619



44.5147, -1.9907, -0.2679

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.



46.0731, -0.7922, 0.3280



46.0721, -2.7753, 5.0619



46.0731, -3.5650, 0.0118

Square

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



46.0731, -2.7765, 5.0626



46.0731, -5.1947, 2.2062



46.0731, -2.1443, -0.2021



46.0731, 0.3383, 2.8075

Rectangle

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



46.0721, -2.7753, 5.0619



46.0731, -4.7602, 3.9453



46.0731, -2.1443, -0.2021



46.0731, -0.1154, 1.0226

Sweetspot

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



46.0731, -2.7765, 5.0626



62.3523, -3.4778, 4.5413



44.4660, 0.3272, 2.4190



29.6763, -1.6502, 2.1223



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.



46.0731, -2.7765, 5.0626



61.4943, -3.7646, 7.2789



46.4686, -4.2860, 5.4780



22.1158, -1.3562, 2.6384



35.8542, 1.8731, 22.1260

0.0000, NaN, NaN

Inverse Universe

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



44.5147, -1.9907, -0.2679



59.0873, -2.5504, -0.9554



44.1260, -0.4884, -0.7248



21.2372, -0.9129, -0.3675



16.0298, 20.6717, -64.6601

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 46.0721, -2.7753, 5.0619 looks on a white background.

Color Contrast Check

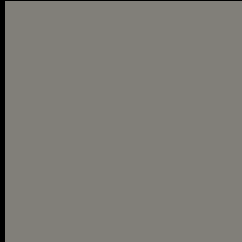
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.0721, -2.7753, 5.0619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

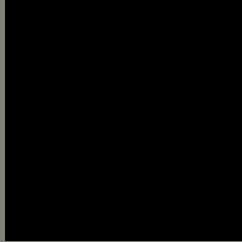
Any Text WCAG AA ✓ Pass

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 46.0721, -2.7753, 5.0619 Background



This preview shows how black text looks on a background with the HunterLab color 46.0721, -2.7753, 5.0619.



This preview shows how white text looks on a background with the HunterLab color 46.0721, -2.7753, 5.0619.

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

46.0721, -2.7753, 5.0619

Protanopia

45.9646, -1.7130, 4.9599

Deuteranopia

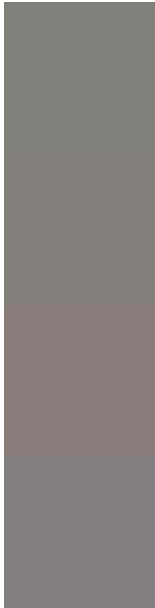
46.0801, 2.9552, 4.7554



Tritanopia

46.0888, 0.9356, -1.0710

Trichromacy



Original Color

46.0721, -2.7753, 5.0619

Protanomaly

45.8781, -2.0128, 4.8573

Deuteranomaly

45.9770, 1.2141, 4.6082

Tritanomaly

46.1294, -0.6422, 1.2692

Monochromacy



Original Color

46.0721, -2.7753, 5.0619

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.0962, -2.4738, 3.4056

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.0721, -2.7753, 5.0619 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(129, 127, 121)` looks like.

```
.text, #text, p{  
    color:rgb(129, 127, 121)  
}
```

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(129, 127, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 127, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 46.0721, -2.7753, 5.0619 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(129, 127, 121) }
```


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

```
.border{ border-color:rgb(129, 127, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 127, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 127, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 127, 121); box-shadow:4px 4px 4px 4px rgb(129, 127, 121) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.0721, -2.7753, 5.0619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 127, 121) }
```

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

```
.background{ background-color: rgb(129,  
127, 121) }
```

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