

Converting Colors

HunterLab(48.9562, 32.2287,
3.0593)

Have a look what the booklet for
HunterLab(48.9562, 32.2287,
3.0593) contains.

HunterLab(48.9902, 32.3040, 3.0123)	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(48.9902, 32.3040,
3.0123)**

Conversions

Conversions Part 1

Format	Color
Hex	C46B87
RGB	196, 107, 135
RGB Percent	77%, 42%, 53%
CMY	0.2314, 0.5804, 0.4706
CMYK	0.00, 0.45, 0.31, 0.23
HSL	341°, 43%, 59%
HSV	341°, 45%, 77%
XYZ	32.3958, 24.0004, 25.8468
YIQ	136.8030, 44.0560, 27.5760

Conversions

Conversions Part 2

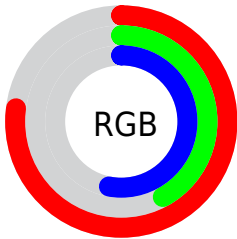
Format	Color
R_{YB}	196, 107, 135
Decimal	12872583
CIE _{Lab}	56.09, 38.54, 0.46
CIE _{LCh}	56, 38.539, 0.678
Yxy	24.0016, 0.3939, 0.2918
Android (android.graphics.Color)	4291062663 (0xFFC46B87)
YUV	136.8030, -0.8889, 51.9158
Hunter-Lab	48.9902, 32.3040, 3.0123

Details

The HunterLab color **48.9902, 32.3040, 3.0123** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **67.4043, -30.9050, 8.4050**, and the grayscale version is **49.9297, -2.6641, 2.7128**.

A 20% lighter version of the original color is **70.7336, 34.9171, 4.3173**, and **30.0993, 29.5751, 2.1356** is the 20% darker color. If you saturate the color by 10%, you get **44.7352, 40.1892, 4.0526**, and if you desaturate by 10%, it is **53.8189, 24.1670, 2.5216**.

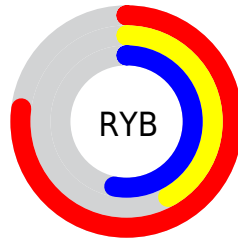
Distribution



Red (77%)

Green (42%)

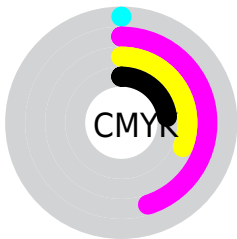
Blue (53%)



Red (77%)

Yellow (42%)

Blue (53%)

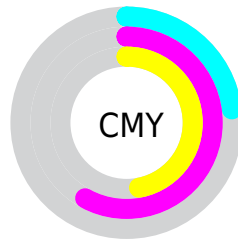


Cyan (0%)

Magenta (45%)

Yellow (31%)

Black (23%)



Cyan (23%)

Magenta (58%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9902, 32.3040, 3.0123 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 48.9902, 32.3040, 3.0123 by changing the saturation by 10% instead.

■ 48.9902, 32.3040,
3.0123

■ 48.9902, 32.3040,
3.0123

165.1752, 40.1531,
9.5118

■ 39.1597, 30.9387,
2.4531

■ 70.7339, 34.6769,
4.2423

■ 30.0910, 29.4496,
1.9322

■ 82.5627, 35.7077,
4.9070

■ 21.8561, 27.8365,
1.4538

■ 94.9860, 36.6450,
5.6031

■ 14.5497, 26.1372,
1.0222

■ 107.9766, 37.4961,
6.3292

■ 8.2106, 25.1831,
0.6770

121.5108, 38.2672,
7.0841

0.0000, INF, NaN

0.0000, NaN, NaN

135.5675, 38.9639,

7.8668

0.0000, NaN, NaN

150.1279, 39.5911,
8.6763

0.0000, NaN, NaN

■ 48.9902, 32.3040,
3.0123

■ 48.9902, 32.3040,
3.0123

■ 44.7352, 40.1892,
4.0526

■ 53.8189, 24.1670,
2.5216

■ 41.1486, 47.4315,
5.6906

■ 59.1278, 16.0306,
2.4997

■ 38.3239, 53.4835,
7.9133

■ 64.8418, 8.0201,
2.8675

■ 36.3226, 57.7685,
10.6016

■ 70.8988, 0.1890,
3.5541

■ 35.1376, 59.9262,
13.5190

■ 77.2486, -7.4513,
4.5006

■ 34.7560, 60.5106,
14.7854

■ 83.8515, -14.9109,
5.6598

■ 90.6754, -22.2093,
6.9945

■ 94.7076, -25.0915,
5.0948

■ 95.1188, -22.7571,
-0.7581

Harmonies

Analogous

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



48.9914, 27.3684, -14.0392



48.9902, 32.3040, 3.0123



48.9914, 26.9199, 15.4274

Triad

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



48.9914, 32.3014, 3.0134



48.9914, -17.4182, 21.8214



48.9914, -16.8609, -30.5427

Complementary

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



48.9902, 32.3040, 3.0123



67.4043, -30.9050, 8.4050

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.



48.9914, -26.4788, -14.8431



48.9902, 32.3040, 3.0123



48.9914, -26.7701, 14.9972

Square

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



48.9914, 32.3014, 3.0134



48.9914, -2.9819, 23.9061



48.9914, -29.8644, 2.3176



48.9914, -2.2504, -36.8141

Rectangle

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



48.9902, 32.3040, 3.0123



48.9914, 18.5616, 20.4029



48.9914, -29.8644, 2.3176



48.9914, -20.7144, -25.9875

Sweetspot

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



48.9914, 32.3014, 3.0134



88.2172, 9.5315, 3.9484



47.7566, 33.5351, -34.8225



40.0085, 5.4910, 1.7529

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.9914, 32.3014, 3.0134



60.5081, 53.5167, 5.3557



52.0030, 20.6948, 16.5456



31.8260, 1.5171, 1.5101



27.8849, 48.5963, 11.4875



5.9048, 10.4993, 0.8149

Inverse Universe

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



48.9914, 32.3014, 3.0134



60.5081, 53.5167, 5.3557



62.9499, -18.6140, -10.7247



31.8260, 1.5171, 1.5101



27.8849, 48.5963, 11.4875



5.9048, 10.4993, 0.8149

Previews

White Background



This preview shows how the HunterLab color 48.9902, 32.3040, 3.0123 looks on a white background.

Color Contrast Check

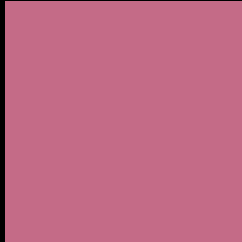
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9902, 32.3040, 3.0123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

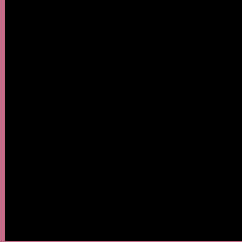
Any Text WCAG AA ✓ Pass

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 48.9902, 32.3040, 3.0123 Background



This preview shows how black text looks on a background with the HunterLab color 48.9902, 32.3040, 3.0123.



This preview shows how white text looks on a background with the HunterLab color 48.9902, 32.3040,

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

48.9902, 32.3040, 3.0123

Protanopia

49.2657, -0.0410, -4.8789

Deuteranopia

48.9832, 3.4646, 4.2529



Tritanopia

48.9175, 27.8568, 9.8566

Trichromacy



Original Color

48.9902, 32.3040, 3.0123

Protanomaly

48.5052, 10.9023, -2.6646

Deuteranomaly

48.6744, 13.2857, 3.6348

Tritanomaly

48.9843, 29.4739, 7.6193

Monochromacy



Original Color

48.9902, 32.3040, 3.0123

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

48.9575, 9.1403, 2.1190

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9902, 32.3040, 3.0123 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(196, 107, 135)` looks like.

```
.text, #text, p{  
    color:rgb(196, 107, 135)  
}
```

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(196, 107, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 107, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9902, 32.3040, 3.0123 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(196, 107, 135) }
```


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

```
.border{ border-color:rgb(196, 107, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 107, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 107, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 107, 135);  
box-shadow:4px 4px 4px 4px rgb(196, 107,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9902, 32.3040, 3.0123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 107, 135) }
```

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

```
.background{ background-color: rgb(196,  
107, 135) }
```

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