

Converting Colors

HunterLab(50.6405, 95.3814,
-34.3927)

Have a look what the booklet for
HunterLab(50.6405, 95.3814,
-34.3927) contains.

HunterLab(50.6634, 95.4624, -34.7024)	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(50.6634, 95.4624,
-34.7024)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00CD
RGB	255, 0, 205
RGB Percent	100%, 0%, 80%
CMY	0.0000, 0.9998, 0.1961
CMYK	0.00, 1.00, 0.20, 0.00
HSL	312°, 100%, 50%
HSV	312°, 100%, 100%
XYZ	52.2595, 25.6678, 59.9576
YIQ	99.6150, 86.1750, 117.8150

Conversions

Conversions Part 2

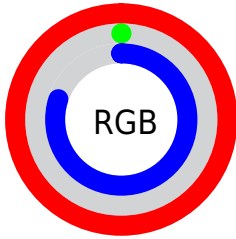
Format	Color
R_{YB}	255, 0, 205
Decimal	16711885
CIE _{Lab}	57.72, 91.85, -36.82
CIE _{LCh}	58, 98.961, 338.154
Yxy	25.6690, 0.3790, 0.1862
Android (android.graphics.Color)	4294901965 (0xFFFF00CD)
YUV	99.6150, 51.9548, 136.2726
Hunter-Lab	50.6634, 95.4624, -34.7024

Details

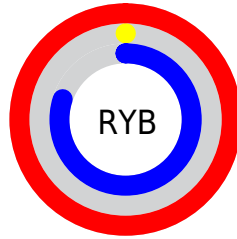
The HunterLab color **50.6634, 95.4624, -34.7024** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **84.7060, -71.6617, 48.8243**, and the grayscale version is **35.3543, -1.8864, 1.9209**.

A 20% lighter version of the original color is **61.7904, 77.1552, -51.3537**, and **36.7960, 68.9985, -22.6117** is the 20% darker color. If you saturate the color by 10%, you get **50.6629, 95.4607, -34.6956**, and if you desaturate by 10%, it is **51.6067, 93.8124, -36.6095**.

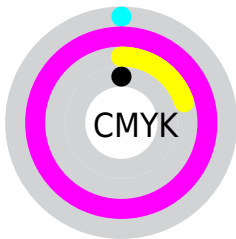
Distribution



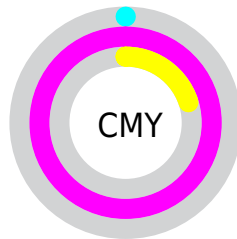
- Red (100%)
- Green (0%)
- Blue (80%)



- Red (100%)
- Yellow (0%)
- Blue (80%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.6634, 95.4624, -34.7024 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 50.6634, 95.4624, -34.7024 by changing the saturation by 10% instead.

50.6634, 95.4624,
-34.7024

50.6634, 95.4624,
-34.7024

167.6763,
117.2142, -39.0030

40.7139, 92.8865,
-34.0609

72.6227, 100.7259,
-35.9582

31.5163, 90.5270,
-33.4774

84.5506, 103.3101,
-36.5363

23.1396, 88.6937,
-33.0680

97.0682, 105.8282,
-37.0692

15.6738, 88.1469,
-33.1209

110.1491,
108.2697, -37.5539

9.2457, 91.1747,
-34.5077

123.7699,
110.6298, -37.9892

0.0000, INF, -NF

0.0000, NaN, NaN

137.9100,

112.9069, -38.3753

0.0000, NaN, NaN

152.5510,
115.1013, -38.7129

■ 50.6634, 95.4624,
-34.7024

■ 50.6634, 95.4624,
-34.7024

■ 50.6629, 95.4607,
-34.6956

■ 51.6067, 93.8124,
-36.6095

■ 53.4219, 89.2567,
-36.8729

■ 56.2791, 81.6057,
-35.2277

■ 60.1750, 71.4530,
-31.8594

■ 65.0356, 59.6088,
-27.1348

70.7527, 46.8219,
-21.4508

77.2103, 33.6498,
-15.1434

84.3004, 20.4478,
-8.4585

91.9291, 7.4129,
-1.5604

Harmonies

Analogous

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



50.6646, 57.0640, -101.5992



50.6634, 95.4624, -34.7024



50.6646, 103.8153, 12.4410

Triad

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



50.6646, 95.4582, -34.7004



50.6646, -13.6011, 35.3376



50.6646, -51.6538, -70.7771

Complementary

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



50.6634, 95.4624, -34.7024



84.7060, -71.6617, 48.8243

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.



50.6646, -60.2135, -9.3186



50.6634, 95.4624, -34.7024



50.6646, -43.3858, 33.5581

Square

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



50.6646, 95.4582, -34.7004



50.6646, 30.7741, 34.8380



50.6646, -57.7762, 23.7446



50.6646, -29.2601, -131.7375

Rectangle

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



50.6634, 95.4624, -34.7024



50.6646, 89.3213, 27.1838



50.6646, -57.7762, 23.7446



50.6646, -55.8496, -48.1527

Sweetspot

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



50.6646, 95.4582, -34.7004



77.1953, 33.6789, -15.1578



27.9655, 73.6973, -182.0563



34.4163, 18.1600, -8.2698

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.6646, 95.4582, -34.7004



50.6629, 95.4607, -34.6956



46.7463, 81.3117, 20.4075



42.7033, 3.1468, -0.5692



36.6515, 69.1088, -25.4788



11.5014, 21.7937, -8.8244

Inverse Universe

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



50.6646, 95.4582, -34.7004



50.6629, 95.4607, -34.6956



86.3637, -61.3800, 24.5572



42.7033, 3.1468, -0.5692



36.6515, 69.1088, -25.4788



11.5014, 21.7937, -8.8244

Previews

White Background



This preview shows how the HunterLab color 50.6634, 95.4624, -34.7024 looks on a white background.

Color Contrast Check

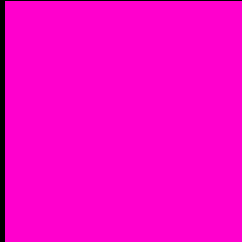
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.6634, 95.4624, -34.7024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

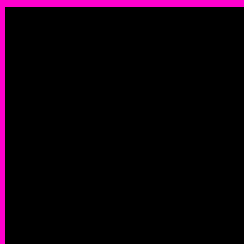
Any Text WCAG AA ✓ Pass

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 50.6634, 95.4624, -34.7024 Background



This preview shows how black text looks on a background with the HunterLab color 50.6634, 95.4624, -34.7024.



This preview shows how white text looks on a background with the HunterLab color 50.6634, 95.4624, -34.7024.

-34.7024.

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

50.6634, 95.4624, -34.7024

Protanopia

51.4690, 14.2451, -77.0196

Deuteranopia

51.1798, 3.8058, -26.1684



Tritanopia

50.9443, 58.8432, 22.4195

Trichromacy



Original Color

50.6634, 95.4624, -34.7024



Protanomaly

43.3249, 47.8729, -82.1104



Deuteranomaly

44.3493, 44.5932, -42.5103



Tritanomaly

49.1739, 74.5989, 6.5652

Monochromacy



Original Color

50.6634, 95.4624, -34.7024



Achromatopsia

35.6984, -1.9048, 1.9396



Achromatomaly

35.4538, 39.3107, -17.6759

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.6634, 95.4624, -34.7024 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(255, 0, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 205)  
}
```

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(255, 0, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 50.6634, 95.4624, -34.7024 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(255, 0, 205) }
```


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

```
.border{ border-color:rgb(255, 0, 205) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.6634, 95.4624, -34.7024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 205) }
```

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

```
.background{ background-color: rgb(255, 0,  
205) }
```

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