

Converting Colors

HunterLab(49.8174, 77.0416,
10.1055)

Have a look what the booklet for
HunterLab(49.8174, 77.0416,
10.1055) contains.

HunterLab(49.7786, 77.1561, 10.0936)	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(49.7786, 77.1561,
10.0936)**

Conversions

Conversions Part 1

Format	Color
Hex	FF307A
RGB	255, 48, 122
RGB Percent	100%, 19%, 48%
CMY	0.0000, 0.8117, 0.5216
CMYK	0.00, 0.81, 0.52, 0.00
HSL	339°, 100%, 59%
HSV	339°, 81%, 100%
XYZ	45.8099, 24.7791, 20.7808
YIQ	118.3290, 99.6180, 66.8980

Conversions

Conversions Part 2

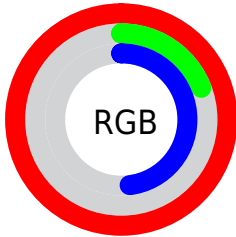
Format	Color
R_{YB}	255, 48, 122
Decimal	16724090
CIE _{Lab}	56.86, 77.97, 10.47
CIE _{LCh}	57, 78.668, 7.650
Yxy	24.7805, 0.5014, 0.2712
Android (android.graphics.Color)	4294914170 (0xFFFF307A)
YUV	118.3290, 1.8098, 119.8605
Hunter-Lab	49.7786, 77.1561, 10.0936

Details

The HunterLab color **49.7786, 77.1561, 10.0936** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **86.8825, -58.9301, 22.6657**, and the grayscale version is **42.6605, -2.2763, 2.3178**.

A 20% lighter version of the original color is **60.6686, 56.0206, -0.7700**, and **34.0158, 59.7066, 10.7135** is the 20% darker color. If you saturate the color by 10%, you get **47.8398, 80.8952, 14.1253**, and if you desaturate by 10%, it is **52.8580, 70.5122, 6.6700**.

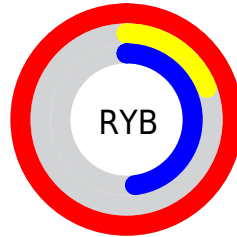
Distribution



Red (100%)

Green (19%)

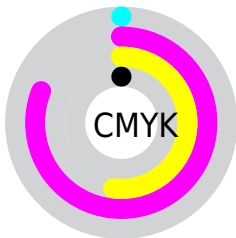
Blue (48%)



Red (100%)

Yellow (19%)

Blue (48%)

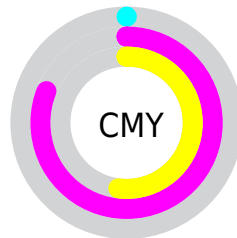


Cyan (0%)

Magenta (81%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (81%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.7786, 77.1561, 10.0936 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 49.7786, 77.1561, 10.0936 by changing the saturation by 10% instead.


 49.7786, 77.1561,
10.0936


 49.7786, 77.1561,
10.0936


166.3560, 95.9885,
20.6279


 39.8919, 74.7199,
8.9381


 71.6247, 81.9169,
12.3910


 30.7621, 72.3592,
7.7633


 83.5005, 84.1911,
13.5412


 22.4598, 70.2691,
6.5542

 95.9685, 86.3780,
14.6974

 15.0776, 68.9570,
5.2818

 109.0019, 88.4749,
15.8617

 8.7152, 70.3869,
5.4550

 122.5770, 90.4822,
17.0359

0.0000, INF, NaN

0.0000, INF, NaN

136.6732, 92.4016,

18.2211

0.0000, NaN, NaN

151.2718, 94.2361,
19.4182

0.0000, NaN, NaN

■ 49.7786, 77.1561,
10.0936

■ 49.7786, 77.1561,
10.0936

■ 47.8398, 80.8952,
14.1253

■ 52.8580, 70.5122,
6.6700

■ 46.9231, 81.9723,
17.8013

■ 57.0492, 61.6165,
4.1082

■ 62.2510, 51.2878,
2.4865

■ 68.3299, 40.2372,
1.7505

■ 75.1521, 28.9547,
1.7819

82.5989, 17.7262,
2.4484

90.5715, 6.6931,
3.6291

98.9897, -4.0917,
5.2236

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



49.7801, 70.6885, -26.1499



49.7786, 77.1561, 10.0936



49.7801, 58.2163, 27.2799

Triad

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



49.7801, 77.1510, 10.0949



49.7801, -35.7968, 30.7274



49.7801, -24.5673, -91.7125

Complementary

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



49.7786, 77.1561, 10.0936



86.8825, -58.9301, 22.6657

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.



49.7801, -43.6018, -50.0736



49.7786, 77.1561, 10.0936



49.7801, -48.8086, 20.6348

Square

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



49.7801, 77.1510, 10.0949



49.7801, -10.8284, 33.0917



49.7801, -51.2366, -6.0154



49.7801, 6.0742, -101.9476

Rectangle

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



49.7786, 77.1561, 10.0936



49.7801, 36.0572, 31.4888



49.7801, -51.2366, -6.0154



49.7801, -32.2709, -80.0338

Sweetspot

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



49.7801, 77.1510, 10.0949



80.4336, 20.8892, 2.2026



43.5107, 78.6114, -100.7298



35.9805, 11.5151, 0.9048

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.7801, 77.1510, 10.0949



47.1929, 81.7068, 16.5890



51.5652, 63.2219, 29.6635



42.5374, 2.2577, 1.7896



33.9567, 59.3938, 12.3143



10.6894, 18.8767, 2.4831

Inverse Universe

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



49.7801, 77.1510, 10.0949



47.1929, 81.7068, 16.5890



79.3772, -33.5579, -22.3419



42.5374, 2.2577, 1.7896



33.9567, 59.3938, 12.3143



10.6894, 18.8767, 2.4831

Previews

White Background



This preview shows how the HunterLab color 49.7786, 77.1561, 10.0936 looks on a white background.

Color Contrast Check

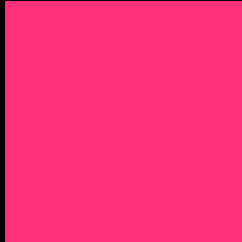
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7786, 77.1561, 10.0936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

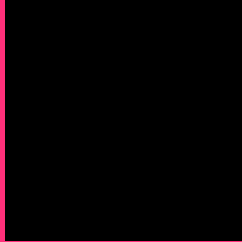
Any Text WCAG AA ✓ Pass

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 49.7786, 77.1561, 10.0936 Background



This preview shows how black text looks on a background with the HunterLab color 49.7786, 77.1561, 10.0936.



This preview shows how white text looks on a background with the HunterLab color 49.7786, 77.1561,

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

49.7786, 77.1561, 10.0936

Protanopia

49.8219, 1.6108, -13.3577

Deuteranopia

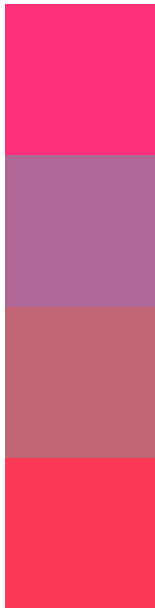
49.6705, 3.4272, 12.3687



Tritanopia

49.7550, 67.0571, 25.6907

Trichromacy



Original Color

49.7786, 77.1561, 10.0936

Protanomaly

45.8790, 29.0993, -9.0567

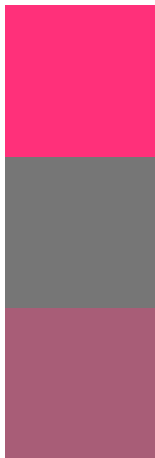
Deuteranomaly

46.8036, 31.7390, 8.4648

Tritanomaly

49.5789, 70.5740, 21.2572

Monochromacy



Original Color

49.7786, 77.1561, 10.0936

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

41.8156, 26.6796, 1.4875

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7786, 77.1561, 10.0936 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, 48, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 48, 122)  
}
```

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, 48, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 48, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7786, 77.1561, 10.0936 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, 48, 122) }
```


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

```
.border{ border-color:rgb(255, 48, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 48, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 48, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 48, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 48,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7786, 77.1561, 10.0936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 48, 122) }
```

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

```
.background{ background-color: rgb(255, 48,  
122) }
```

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