

Converting Colors

HunterLab(69.7732, 77.6587,
-13.9854)

Have a look what the booklet for
HunterLab(69.7732, 77.6587,
-13.9854) contains.

HunterLab(63.1771, 61.8106, -24.1863)	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(63.1771, 61.8106,
-24.1863)**

Conversions

Conversions Part 1

Format	Color
Hex	FF78DD
RGB	255, 120, 221
RGB Percent	100%, 47%, 87%
CMY	0.0000, 0.5294, 0.1333
CMYK	0.00, 0.53, 0.13, 0.00
HSL	315°, 100%, 74%
HSV	315°, 53%, 100%
XYZ	61.0077, 39.9135, 72.8953
YIQ	171.8790, 48.0390, 60.0310

Conversions

Conversions Part 2

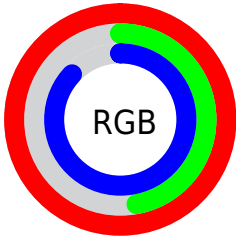
Format	Color
RYB	255, 120, 221
Decimal	16742621
CIELab	69.41, 63.17, -27.71
CIELCh	69, 68.974, 336.317
Yxy	39.9152, 0.3510, 0.2296
Android (android.graphics.Color)	4294932701 (0xFFFF78DD)
YUV	171.8790, 24.2167, 72.8971
Hunter-Lab	63.1771, 61.8106, -24.1863

Details

The HunterLab color $63.1771, 61.8106, -24.1863$ is a light color, and the websafe version is hex $FF66CC$. A complement of this color would be $88.2309, -54.5843, 32.8661$, and the grayscale version is $64.0697, -3.4186, 3.4810$.

A 20% lighter version of the original color is $77.4108, 37.5002, -24.1047$, and $42.4782, 57.7177, -23.1693$ is the 20% darker color. If you saturate the color by 10%, you get $58.5154, 72.9992, -27.5187$, and if you desaturate by 10%, it is $68.7282, 49.4954, -19.7412$.

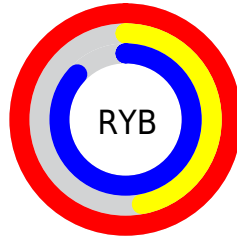
Distribution



Red (100%)

Green (47%)

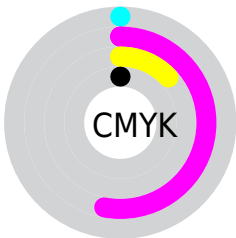
Blue (87%)



Red (100%)

Yellow (47%)

Blue (87%)

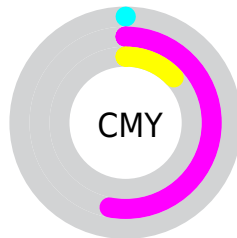


Cyan (0%)

Magenta (53%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.1771, 61.8106, -24.1863 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 63.1771, 61.8106, -24.1863 by changing the saturation by 10% instead.


 63.1771, 61.8106,
-24.1863


 63.1771, 61.8106,
-24.1863


185.9478, 75.9267,
-25.9838

 52.4141, 59.7709,
-23.7150


 86.6224, 65.5836,
-24.9562

 42.3419, 57.6472,
-23.1957


 99.2368, 67.3237,
-25.2573

 33.0129, 55.4656,
-22.6423


 112.4104, 68.9691,
-25.5036

 24.4921, 53.3015,
-22.0932

126.1202, 70.5242,
-25.6971

 16.8649, 51.3551,
-21.6489

140.3461, 71.9933,
-25.8398

 10.2517, 50.2387,
-21.6131

155.0699, 73.3807,

0.0000, INF, -NF

-25.9338

0.0000, NaN, NaN

170.2754, 74.6906,
-25.9812

■ 63.1771, 61.8106,
-24.1863

■ 63.1771, 61.8106,
-24.1863

■ 58.5154, 72.9992,
-27.5187

■ 68.7282, 49.4954,
-19.7412

■ 54.8442, 82.2907,
-29.3853

■ 75.0468, 36.6708,
-14.5210

■ 52.2269, 88.8960,
-29.5080

■ 82.0221, 23.7329,
-8.7846

■ 50.6429, 92.3388,
-27.8390

■ 89.5559, 10.9104,
-2.7164

■ 50.0117, 93.1481,
-25.8338

■ 97.5660, -1.6850,
3.5610

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.



63.1785, 36.4131, -62.3611



63.1771, 61.8106, -24.1863



63.1785, 68.3506, 9.4255

Triad

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



63.1785, 61.8071, -24.1846



63.1785, -9.8677, 37.9986



63.1785, -44.9593, -40.7908

Complementary

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



63.1771, 61.8106, -24.1863



88.2309, -54.5843, 32.8661

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.



63.1785, -52.7971, -3.1976



63.1771, 61.8106, -24.1863



63.1785, -35.2432, 34.3822

Square

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



63.1785, 61.8071, -24.1846



63.1785, 22.6925, 36.6297



63.1785, -49.6228, 22.4002



63.1785, -25.7989, -74.7784

Rectangle

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



63.1771, 61.8106, -24.1863



63.1785, 60.2056, 23.9364



63.1785, -49.6228, 22.4002



63.1785, -48.8160, -27.6109

Sweetspot

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



63.1785, 61.8071, -24.1846



87.1953, 14.8154, -4.6011



52.4411, 37.7339, -73.9891



39.6183, 8.0742, -2.7093

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.1785, 61.8071, -24.1846



58.0771, 74.0903, -27.7924



60.8437, 51.2700, 8.7020



42.6821, 3.0333, -0.2682



36.1863, 67.4572, -19.1528



11.3689, 21.3244, -7.0322

Inverse Universe

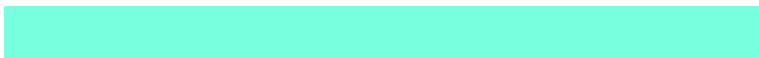
The Inverse Universe completely reimagines the original color for something new.



63.1785, 61.8071, -24.1846



58.0771, 74.0903, -27.7924



89.8596, -44.8392, 9.3348



42.6821, 3.0333, -0.2682



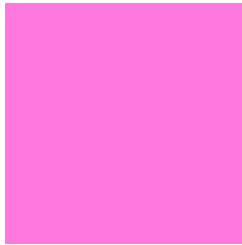
36.1863, 67.4572, -19.1528



11.3689, 21.3244, -7.0322

Previews

White Background



This preview shows how the HunterLab color 63.1771, 61.8106, -24.1863 looks on a white background.

Color Contrast Check

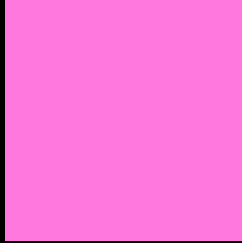
Large Text (above 18pt) WCAG AA × Fail

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 63.1771, 61.8106, -24.1863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

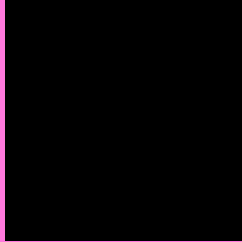
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 63.1771, 61.8106, -24.1863 Background



This preview shows how black text looks on a background with the HunterLab color 63.1771, 61.8106, -24.1863.



This preview shows how white text looks on a background with the HunterLab color 63.1771, 61.8106, -24.1863.

-24.1863.

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

63.1771, 61.8106, -24.1863

Protanopia

63.5188, 8.3206, -49.0235

Deuteranopia

63.2211, 5.0002, -19.9925



Tritanopia

63.0651, 38.4304, 13.5818

Trichromacy



Original Color

63.1771, 61.8106, -24.1863



Protanomaly

61.7313, 25.3872, -42.9577



Deuteranomaly

61.9056, 24.7871, -23.6409



Tritanomaly

62.9385, 46.3554, 1.8709

Monochromacy



Original Color

63.1771, 61.8106, -24.1863



Achromatopsia

64.2295, -3.4271, 3.4897



Achromatomaly

62.4954, 19.2843, -7.3696

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.1771, 61.8106, -24.1863 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, 120, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 221)  
}
```

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, 120, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 63.1771, 61.8106, -24.1863 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, 120, 221) }
```


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

```
.border{ border-color:rgb(255, 120, 221) }
```

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

Here you see how a box with a 4 pixel rgb(255, 120, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.1771, 61.8106, -24.1863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 221) }
```

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

```
.background{ background-color: rgb(255,  
120, 221) }
```

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