

Converting Colors

HunterLab(66.1738, 64.7717,
-42.8473)

Have a look what the booklet for
HunterLab(66.1738, 64.7717,
-42.8473) contains.

HunterLab(66.2709, 64.5144, -42.6766)	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(66.2709, 64.5144,
-42.6766)**

Conversions

Conversions Part 1

Format	Color
Hex	FF80FF
RGB	255, 128, 255
RGB Percent	100%, 50%, 100%
CMY	0.0000, 0.4980, 0.0000
CMYK	0.00, 0.50, 0.00, 0.00
HSL	300°, 100%, 75%
HSV	300°, 50%, 100%
XYZ	67.0092, 43.9183, 99.5530
YIQ	180.4510, 34.9250, 66.4210

Conversions

Conversions Part 2

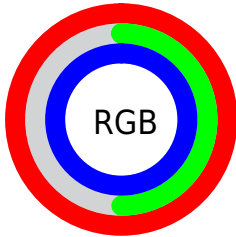
Format	Color
R _Y B	255, 128, 255
Decimal	16744703
CIE Lab	72.17, 64.95, -42.09
CIE LCh	72, 77.393, 327.053
Yxy	43.9199, 0.3184, 0.2087
Android (android.graphics.Color)	4294934783 (0xFFFF80FF)
YUV	180.4510, 36.7527, 65.3795
Hunter-Lab	66.2709, 64.5144, -42.6766

Details

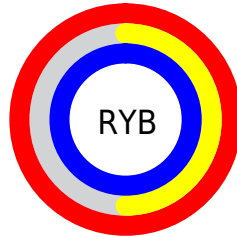
The HunterLab color **66.2709, 64.5144, -42.6766** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **88.1296, -55.8729, 39.5864**, and the grayscale version is **67.5889, -3.6064, 3.6722**.

A 20% lighter version of the original color is **79.4845, 33.0117, -21.0149**, and **45.0771, 60.5474, -41.4351** is the 20% darker color. If you saturate the color by 10%, you get **61.7110, 77.3905, -51.5152**, and if you desaturate by 10%, it is **71.7137, 50.6379, -33.1418**.

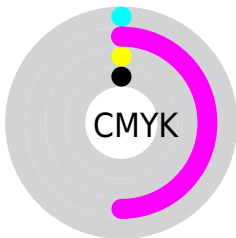
Distribution



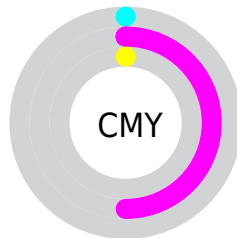
- Red (100%)
- Green (50%)
- Blue (100%)



- Red (100%)
- Yellow (50%)
- Blue (100%)



- Cyan (0%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 66.2709, 64.5144, -42.6766 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 66.2709, 64.5144, -42.6766 by changing the saturation by 10% instead.


 66.2709, 64.5144,
-42.6766

 66.2709, 64.5144,
-42.6766


190.3632, 78.8930,
-47.3891

 55.3241, 62.4511,
-41.9846


 90.0540, 68.3390,
-44.0085

 45.0558, 60.3037,
-41.3183


 102.8256, 70.1067,
-44.6252

 35.5154, 58.0950,
-40.7375


 116.1496, 71.7809,
-45.1998

 26.7636, 55.8905,
-40.3681

130.0041, 73.3657,
-45.7295

 18.8791, 53.8569,
-40.4938

144.3694, 74.8652,
-46.2133

 11.9704, 52.4738,
-41.8672

159.2280, 76.2837,

 4.9069, 72.7842,

-46.6508

-61.6682

174.5641, 77.6250,
-47.0425

0.0000, INF, -NF

0.0000, NaN, -NF

■ 66.2709, 64.5144,
-42.6766

■ 66.2709, 64.5144,
-42.6766

■ 61.7110, 77.3905,
-51.5152

■ 71.7137, 50.6379,
-33.1418

■ 58.1280, 88.4953,
-59.1316

■ 77.9247, 36.3743,
-23.3298

■ 55.5807, 97.0198,
-64.9746

■ 84.7978, 22.1164,
-13.5098

■ 54.0547, 102.4128,
-68.6696


■ 92.2372, 8.0886,
-3.8360

■ 53.3769, 104.8828,

100.0000, -5.3358,

-70.3615

5.4332

 53.3667, 104.9207,
-70.3875

Harmonies

Analogous

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



66.2721, 30.6830, -84.9517



66.2709, 64.5144, -42.6766



66.2721, 79.9512, 0.1599

Triad

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



66.2721, 64.5112, -42.6744



66.2721, 0.0282, 41.3077



66.2721, -54.2879, -33.5223

Complementary

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



66.2709, 64.5144, -42.6766



88.1296, -55.8729, 39.5864

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.



66.2721, -59.1312, 6.8790



66.2709, 64.5144, -42.6766



66.2721, -31.9757, 39.4026

Square

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



66.2721, 64.5112, -42.6744



66.2721, 38.1056, 38.3502



66.2721, -51.8912, 30.2122



66.2721, -36.9110, -77.9840

Rectangle

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



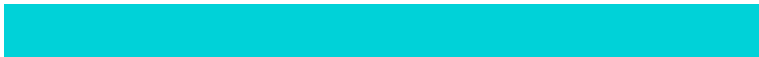
66.2709, 64.5144, -42.6766



66.2721, 75.7400, 20.0507



66.2721, -51.8912, 30.2122



66.2721, -57.2519, -18.5574

Sweetspot

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



66.2721, 64.5112, -42.6744



88.3045, 15.3435, -8.8407



52.2011, 27.2110, -74.8129



40.1343, 8.4708, -5.0362

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.2721, 64.5112, -42.6744



61.6301, 77.6309, -51.6802



63.6268, 52.5441, -6.0751



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764

Inverse Universe

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



66.2721, 64.5112, -42.6744



61.6301, 77.6309, -51.6802



89.3831, -48.3368, 21.3430



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764

Previews

White Background



This preview shows how the HunterLab color 66.2709, 64.5144, -42.6766 looks on a white background.

Color Contrast Check

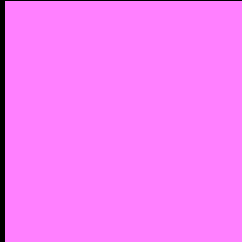
Large Text (above 18pt) WCAG AA × Fail

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 66.2709, 64.5144, -42.6766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

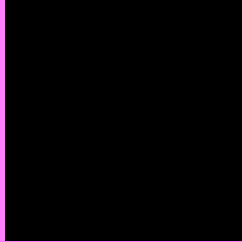
Any Text WCAG AA ✓ Pass

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 66.2709, 64.5144, -42.6766 Background



This preview shows how black text looks on a background with the HunterLab color 66.2709, 64.5144, -42.6766.



This preview shows how white text looks on a background with the HunterLab color 66.2709, 64.5144, -42.6766.

-42.6766.

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

66.2709, 64.5144, -42.6766

Protanopia

66.6063, 6.6022, -43.0576

Deuteranopia

66.5172, 5.5471, -37.3501



Tritanopia

66.1790, 31.3218, 10.7033

Trichromacy



Original Color

66.2709, 64.5144, -42.6766



Protanomaly

65.0885, 26.0023, -45.6171



Deuteranomaly

65.1400, 25.6702, -41.7318

Tritanomaly

65.8822, 42.2407, -5.6632

Monochromacy



Original Color

66.2709, 64.5144, -42.6766



Achromatopsia

67.5582, -3.6047, 3.6706



Achromatomaly

65.7724, 19.8864, -12.3366

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.2709, 64.5144, -42.6766 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, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 255)  
}
```

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, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 66.2709, 64.5144, -42.6766 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, 128, 255) }
```


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

```
.border{ border-color:rgb(255, 128, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.2709, 64.5144, -42.6766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 255) }
```

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

```
.background{ background-color: rgb(255,  
128, 255) }
```

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