

Converting Colors

HunterLab(49.5289, 97.0512,
-62.8121)

Have a look what the booklet for
HunterLab(49.5289, 97.0512,
-62.8121) contains.

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Color

**HunterLab(49.5796, 97.1212,
-62.6482)**

Conversions

Conversions Part 1

Format	Color
Hex	F000EC
RGB	240, 0, 236
RGB Percent	94%, 0%, 93%
CMY	0.0588, 0.9998, 0.0745
CMYK	0.00, 1.00, 0.02, 0.06
HSL	301°, 100%, 47%
HSV	301°, 100%, 94%
XYZ	51.0755, 24.5814, 81.4095
YIQ	98.6640, 67.2840, 124.2760

Conversions

Conversions Part 2

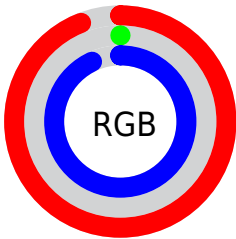
Format	Color
R _Y B	240, 0, 236
Decimal	15728876
CIE Lab	56.67, 93.29, -56.24
CIE LCh	57, 108.927, 328.916
Yxy	24.5825, 0.3252, 0.1565
Android (android.graphics.Color)	4293918956 (0xFFFF00EC)
YUV	98.6640, 67.7066, 123.9517
Hunter-Lab	49.5796, 97.1212, -62.6482

Details

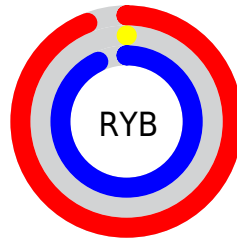
The HunterLab color **49.5796, 97.1212, -62.6482** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **78.9494, -67.6583, 47.3767**, and the grayscale version is **34.9424, -1.8644, 1.8985**.

A 20% lighter version of the original color is **61.6301, 77.6309, -51.6802**, and **35.8307, 70.4443, -47.2586** is the 20% darker color. If you saturate the color by 10%, you get **49.5799, 97.1215, -62.6473**, and if you desaturate by 10%, it is **50.2592, 94.8172, -61.3469**.

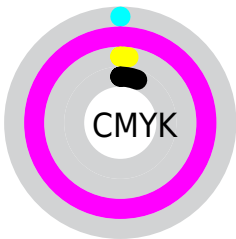
Distribution



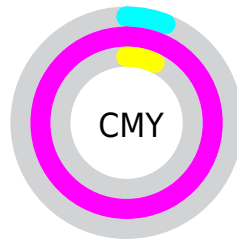
- Red (94%)
- Green (0%)
- Blue (93%)



- Red (94%)
- Yellow (0%)
- Blue (93%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (6%)





- Cyan (6%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.5796, 97.1212, -62.6482 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 49.5796, 97.1212, -62.6482 by changing the saturation by 10% instead.


 49.5796, 97.1212,
-62.6482


 49.5796, 97.1212,
-62.6482


166.0580,
119.2071, -69.2450


 39.7068, 94.5555,
-62.3141


 71.3997, 102.4268,
-63.9302


 30.5924, 92.2474,
-62.4468


 83.2636, 105.0454,
-64.7012


 22.3070, 90.5528,
-63.4967

 95.7204, 107.6025,
-65.4969

 14.9439, 90.3542,
-66.5463

 108.7430,
110.0857, -66.2928

 8.5907, 95.0292,
-75.3338

 122.3078,
112.4891, -67.0738

0.0000, INF, -NF

136.3941,

0.0000, NaN, -NF

114.8105, -67.8299

0.0000, NaN, NaN

150.9830,
117.0495, -68.5550

■ 49.5796, 97.1212,
-62.6482

■ 49.5796, 97.1212,
-62.6482

■ 49.5799, 97.1215,
-62.6473

■ 50.2592, 94.8172,
-61.3469

■ 51.7160, 89.8441,
-58.2397

■ 54.1217, 81.9708,
-53.1558

■ 57.4876, 71.7135,
-46.4293

■ 61.7587, 59.8183,
-38.5538

■ 66.8439, 47.0039,
-30.0106

■ 72.6403, 33.8249,
-21.1749

■ 79.0485, 20.6450,
-12.2962

■ 85.9802, 7.6705,
-3.5190

Harmonies

Analogous

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



49.5808, 47.3224, -140.0978



49.5796, 97.1212, -62.6482



49.5808, 119.1423, 1.0936

Triad

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



49.5808, 97.1184, -62.6457



49.5808, -0.9772, 34.7065



49.5808, -58.4557, -57.0163

Complementary

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



49.5796, 97.1212, -62.6482



78.9494, -67.6583, 47.3767

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.



49.5808, -63.4198, 4.2521



49.5796, 97.1212, -62.6482



49.5808, -38.3473, 34.5097

Square

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



49.5808, 97.1184, -62.6457



49.5808, 51.2842, 34.3375



49.5808, -57.6450, 29.3485



49.5808, -40.3097, -135.2462

Rectangle

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



49.5796, 97.1212, -62.6482



49.5808, 110.6808, 22.8517



49.5808, -57.6450, 29.3485



49.5808, -61.3516, -32.7103

Sweetspot

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



49.5808, 97.1184, -62.6457



77.7420, 36.3974, -22.7928



25.1362, 68.0660, -177.7730



34.7136, 19.6103, -12.4056

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.5808, 97.1184, -62.6457



53.1123, 104.0399, -67.1012



44.4835, 79.0101, 6.7624



40.0332, 3.2544, -1.4268



36.6856, 71.8673, -46.3884



10.5880, 20.7523, -13.4683

Inverse Universe

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



49.5808, 97.1184, -62.6457



53.1123, 104.0399, -67.1012



79.8605, -61.9720, 33.9628



40.0332, 3.2544, -1.4268



36.6856, 71.8673, -46.3884



10.5880, 20.7523, -13.4683

Previews

White Background



This preview shows how the HunterLab color 49.5796, 97.1212, -62.6482 looks on a white background.

Color Contrast Check

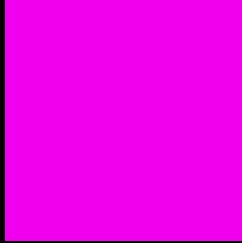
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.5796, 97.1212, -62.6482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

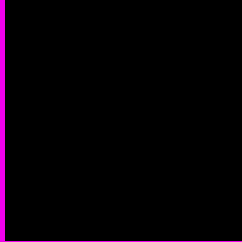
Any Text WCAG AA ✓ Pass

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 49.5796, 97.1212, -62.6482 Background



This preview shows how black text looks on a background with the HunterLab color 49.5796, 97.1212, -62.6482.



This preview shows how white text looks on a background with the HunterLab color 49.5796, 97.1212, -62.6482.

-62.6482.

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

49.5796, 97.1212, -62.6482

Protanopia

50.3335, 14.8881, -80.1665

Deuteranopia

50.4275, 4.1781, -50.1063



Tritanopia

49.7364, 46.5331, 17.3902

Trichromacy



Original Color

49.5796, 97.1212, -62.6482



Protanomaly

42.6378, 49.7520, -96.3462



Deuteranomaly

42.7508, 44.2265, -73.6714



Tritanomaly

47.0328, 68.0666, -5.6709

Monochromacy



Original Color

49.5796, 97.1212, -62.6482



Achromatopsia

35.3231, -1.8847, 1.9192



Achromatomaly

34.9413, 39.9000, -26.0185

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5796, 97.1212, -62.6482 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(240, 0, 236)` looks like.

```
.text, #text, p{  
    color:rgb(240, 0, 236)  
}
```

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(240, 0, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 0, 236) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5796, 97.1212, -62.6482 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(240, 0, 236) }
```


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

```
.border{ border-color:rgb(240, 0, 236) }
```

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

Here you see how a box with a 4 pixel rgb(240, 0, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 0, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 0, 236);  
box-shadow:4px 4px 4px 4px rgb(240, 0,  
236) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5796, 97.1212, -62.6482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 0, 236) }
```

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

```
.background{ background-color: rgb(240, 0,  
236) }
```

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](#).

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