

Converting Colors

HunterLab(53.1704, 88.3444,
-33.5365)

Have a look what the booklet for
HunterLab(53.1704, 88.3444,
-33.5365) contains.

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Color

**HunterLab(53.1797, 88.3792,
-33.6622)**

Conversions

Conversions Part 1

Format	Color
Hex	FF33D2
RGB	255, 51, 210
RGB Percent	100%, 20%, 82%
CMY	0.0000, 0.7999, 0.1765
CMYK	0.00, 0.80, 0.18, 0.00
HSL	313°, 100%, 60%
HSV	313°, 80%, 100%
XYZ	54.0567, 28.2808, 63.5824
YIQ	130.1220, 70.5450, 92.6970

Conversions

Conversions Part 2

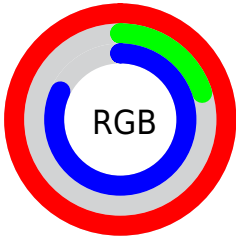
Format	Color
R _Y B	255, 51, 210
Decimal	16724946
CIE Lab	60.14, 86.06, -35.89
CIE LCh	60, 93.244, 337.363
Yxy	28.2821, 0.3705, 0.1938
Android (android.graphics.Color)	4294915026 (0xFFFF33D2)
YUV	130.1220, 39.3799, 109.5180
Hunter-Lab	53.1797, 88.3792, -33.6622

Details

The HunterLab color **53.1797, 88.3792, -33.6622** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **85.4804, -67.6541, 43.8101**, and the grayscale version is **47.1284, -2.5147, 2.5606**.

A 20% lighter version of the original color is **64.9267, 68.1793, -45.1931**, and **37.1966, 70.0625, -25.2824** is the 20% darker color. If you saturate the color by 10%, you get **51.3372, 92.8518, -32.9898**, and if you desaturate by 10%, it is **56.0702, 80.8109, -32.4636**.

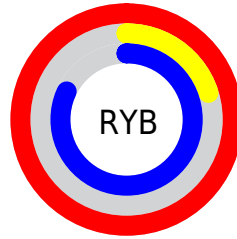
Distribution



Red (100%)

Green (20%)

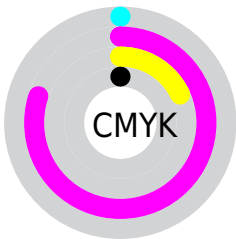
Blue (82%)



Red (100%)

Yellow (20%)

Blue (82%)

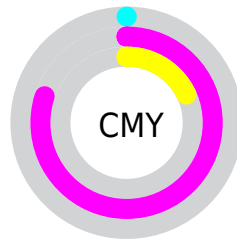


Cyan (0%)

Magenta (80%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.1797, 88.3792, -33.6622 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 53.1797, 88.3792, -33.6622 by changing the saturation by 10% instead.

53.1797, 88.3792,
-33.6622

53.1797, 88.3792,
-33.6622

171.4096,
108.7937, -37.6896

43.0563, 85.8312,
-33.0237

75.4550, 93.4354,
-34.8760

33.6708, 83.3926,
-32.4165

87.5283, 95.8781,
-35.4247

25.0881, 81.2697,
-31.9277

100.1846, 98.2421,
-35.9257

17.3918, 79.9602,
-31.7691

113.3983,
100.5220, -36.3771

10.6989, 80.8671,
-32.5387

127.1466,
102.7160, -36.7784

1.2571, 404.8709,
-165.2038

141.4096,

0.0000, INF, -NF

104.8248, -37.1303

0.0000, NaN, NaN

156.1693,
106.8499, -37.4336

■ 53.1797, 88.3792,
-33.6622

■ 53.1797, 88.3792,
-33.6622

■ 51.3372, 92.8518,
-32.9898

■ 56.0702, 80.8109,
-32.4636

■ 50.3709, 94.4230,
-30.7299

■ 59.9996, 70.7574,
-29.5609

■ 50.3704, 94.4236,
-30.7285

■ 64.8932, 59.0254,
-25.2963

■ 70.6414, 46.3600,
-20.0499

■ 77.1275, 33.3132,
-14.1480

■ 84.2433, 20.2354,
-7.8332

■ 91.8951, 7.3203,
-1.2699

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.



53.1809, 52.3371, -94.2487



53.1797, 88.3792, -33.6622



53.1809, 96.9347, 11.4425

Triad

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



53.1809, 88.3752, -33.6603



53.1809, -12.3414, 36.3522



53.1809, -51.1992, -63.3850

Complementary

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



53.1797, 88.3792, -33.6622



85.4804, -67.6541, 43.8101

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.



53.1809, -59.6368, -7.3597



53.1797, 88.3792, -33.6622



53.1809, -41.9253, 34.3914

Square

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



53.1809, 88.3752, -33.6603



53.1809, 30.1128, 35.8236



53.1809, -56.8328, 24.0553



53.1809, -29.3205, -118.5577

Rectangle

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



53.1797, 88.3792, -33.6622



53.1809, 84.1388, 26.7363



53.1809, -56.8328, 24.0553



53.1809, -55.3544, -42.9002

Sweetspot

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



53.1809, 88.3752, -33.6603



81.3236, 25.4625, -10.4003



34.6889, 62.6677, -139.2307



36.4581, 13.9381, -5.8494

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.1809, 88.3752, -33.6603



50.6935, 94.0098, -31.7436



49.7282, 75.1302, 14.7714



42.6939, 3.0969, -0.4368



36.4426, 68.3685, -22.6482



11.4421, 21.5840, -8.0250

Inverse Universe

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



53.1809, 88.3752, -33.6603



50.6935, 94.0098, -31.7436



87.3297, -56.2951, 16.8804



42.6939, 3.0969, -0.4368



36.4426, 68.3685, -22.6482



11.4421, 21.5840, -8.0250

Previews

White Background



This preview shows how the HunterLab color 53.1797, 88.3792, -33.6622 looks on a white background.

Color Contrast Check

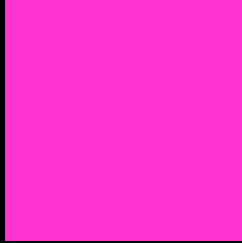
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.1797, 88.3792, -33.6622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

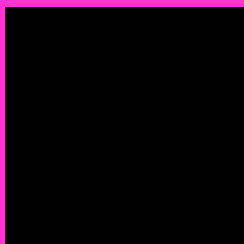
Any Text WCAG AA ✓ Pass

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 53.1797, 88.3792, -33.6622 Background



This preview shows how black text looks on a background with the HunterLab color 53.1797, 88.3792, -33.6622.



This preview shows how white text looks on a background with the HunterLab color 53.1797, 88.3792, -33.6622.

-33.6622.

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

53.1797, 88.3792, -33.6622

Protanopia

53.7041, 12.8325, -71.1312

Deuteranopia

53.2816, 4.1413, -26.5464



Tritanopia

53.0491, 54.6191, 20.4517

Trichromacy



Original Color

53.1797, 88.3792, -33.6622



Protanomaly

48.7325, 38.5632, -68.6487



Deuteranomaly

49.5279, 35.5599, -35.7493



Tritanomaly

52.3952, 66.5593, 5.8106

Monochromacy



Original Color

53.1797, 88.3792, -33.6622



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

45.7433, 31.5168, -13.7761

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.1797, 88.3792, -33.6622 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, 51, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 210)  
}
```

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, 51, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 210) }
```

Border

The CSS property to change the border of an element to HunterLab 53.1797, 88.3792, -33.6622 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, 51, 210) }
```


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

```
.border{ border-color:rgb(255, 51, 210) }
```

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

Here you see how a box with a 4 pixel rgb(255, 51, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
210) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.1797, 88.3792, -33.6622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 210) }
```

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

```
.background{ background-color: rgb(255, 51,  
210) }
```

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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