

Converting Colors

HunterLab(31.1345, 58.7528,
-22.0452)

Have a look what the booklet for
HunterLab(31.1345, 58.7528,
-22.0452) contains.

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Color

**HunterLab(31.1332, 58.7558,
-22.0463)**

Conversions

Conversions Part 1

Format	Color
Hex	A50085
RGB	165, 0, 133
RGB Percent	65%, 0%, 52%
CMY	0.3529, 0.9999, 0.4784
CMYK	0.00, 1.00, 0.19, 0.35
HSL	312°, 100%, 32%
HSV	312°, 100%, 65%
XYZ	19.7506, 9.6928, 23.0202
YIQ	64.4970, 55.6470, 76.3430

Conversions

Conversions Part 2

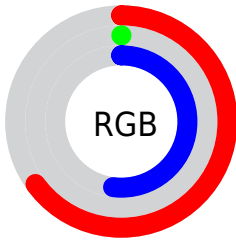
Format	Color
RYB	165, 0, 133
Decimal	10813573
CIELab	37.29, 66.47, -27.27
CIElCh	37, 71.851, 337.692
Yxy	9.6933, 0.3765, 0.1848
Android (android.graphics.Color)	4289003653 (0xFFA50085)
YUV	64.4970, 33.7720, 88.1411
Hunter-Lab	31.1332, 58.7558, -22.0463

Details

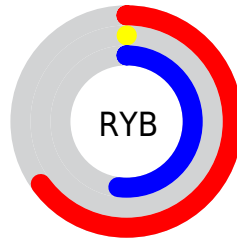
The HunterLab color **31.1332, 58.7558, -22.0463** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **51.9759, -43.8516, 29.6991**, and the grayscale version is **22.6923, -1.2108, 1.2329**.

A 20% lighter version of the original color is **50.2766, 63.0691, -22.6983**, and **19.5261, 36.6374, -12.1759** is the 20% darker color. If you saturate the color by 10%, you get **31.1331, 58.7553, -22.0439**, and if you desaturate by 10%, it is **31.8886, 57.0898, -22.7975**.

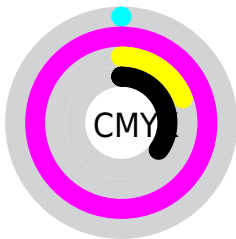
Distribution



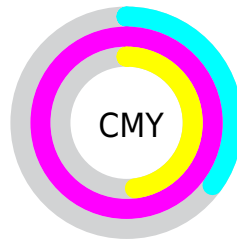
- Red (65%)
- Green (0%)
- Blue (52%)



- Red (65%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.1332, 58.7558, -22.0463 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 31.1332, 58.7558, -22.0463 by changing the saturation by 10% instead.

■ 31.1332, 58.7558,
-22.0463

■ 31.1332, 58.7558,
-22.0463

■ 137.2839, 76.2582,
-25.2397

■ 22.7949, 56.5940,
-21.5063

■ 50.2165, 63.2149,
-23.1158

■ 15.3713, 54.8145,
-21.0991

■ 60.8377, 65.3600,
-23.5864

■ 8.9812, 54.4724,
-21.2505

■ 72.1172, 67.4145,
-24.0015

0.0000, INF, -NF

0.0000, NaN, NaN

■ 84.0188, 69.3722,
-24.3593

0.0000, NaN, NaN

■ 96.5114, 71.2326,
-24.6602

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.5682, 72.9980,

-24.9059

123.1660, 74.6719,
-25.0984

■ 31.1332, 58.7558,
-22.0463

■ 31.1332, 58.7558,
-22.0463

■ 31.1331, 58.7553,
-22.0439

■ 31.8886, 57.0898,
-22.7975

■ 33.1120, 53.9189,
-22.6652

■ 34.9441, 49.0058,
-21.4332

■ 37.3729, 42.7274,
-19.2367

■ 40.3519, 35.5448,
-16.2928

■ 43.8185, 27.8672,
-12.8235

■ 47.7075, 19.9946,
-9.0128

■ 51.9586, 12.1175,
-4.9948

■ 56.5195, 4.3420,
-0.8590

Harmonies

Analogous

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



31.1340, 34.8136, -63.4780



31.1332, 58.7558, -22.0463



31.1340, 64.2673, 7.3690

Triad

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



31.1340, 58.7534, -22.0449



31.1340, -8.0242, 21.7938



31.1340, -31.9808, -43.1225

Complementary

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



31.1332, 58.7558, -22.0463



51.9759, -43.8516, 29.6991

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.



31.1340, -37.1333, -5.3011



31.1332, 58.7558, -22.0463



31.1340, -26.5448, 20.8046

Square

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



31.1340, 58.7534, -22.0449



31.1340, 19.4768, 21.7938



31.1340, -35.5325, 14.8067



31.1340, -18.3338, -81.1126

Rectangle

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



31.1332, 58.7558, -22.0463



31.1340, 55.5127, 16.6096



31.1340, -35.5325, 14.8067



31.1340, -34.5213, -29.1499

Sweetspot

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



31.1340, 58.7534, -22.0449



63.5386, 27.3520, -12.3569



17.3122, 45.3325, -110.4512



28.7144, 14.7584, -6.7448



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



31.1340, 58.7534, -22.0449



41.6293, 78.5065, -29.0308



28.7230, 50.0566, 11.8046



26.7927, 1.7814, -0.2614



27.0918, 51.1498, -19.3483



3.9991, 7.6679, -3.7677

Inverse Universe

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



31.1340, 58.7534, -22.0449



41.6293, 78.5065, -29.0308



53.0069, -37.4598, 14.6124



26.7927, 1.7814, -0.2614



27.0918, 51.1498, -19.3483



3.9991, 7.6679, -3.7677

Previews

White Background



This preview shows how the HunterLab color 31.1332, 58.7558, -22.0463 looks on a white 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

Black Background



This preview shows how the HunterLab color 31.1332, 58.7558, -22.0463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

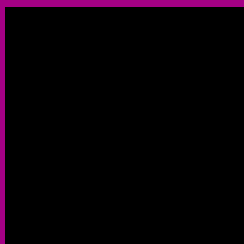
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 31.1332, 58.7558, -22.0463 Background



This preview shows how black text looks on a background with the HunterLab color 31.1332, 58.7558, -22.0463.



This preview shows how white text looks on a background with the HunterLab color 31.1332, 58.7558, -22.0463.

-22.0463.

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

31.1332, 58.7558, -22.0463

Protanopia

32.1894, 11.7157, -65.5248

Deuteranopia

32.1417, 2.5212, -15.9401



Tritanopia

31.7848, 35.4419, 13.4639

Trichromacy



Original Color

31.1332, 58.7558, -22.0463



Protanomaly

25.4618, 26.9818, -68.9693



Deuteranomaly

28.0433, 26.7647, -25.4282



Tritanomaly

30.4784, 45.0723, 3.6500

Monochromacy



Original Color

31.1332, 58.7558, -22.0463



Achromatopsia

22.9914, -1.2268, 1.2492



Achromatomaly

22.5627, 23.8469, -11.0977

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.1332, 58.7558, -22.0463 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(165, 0, 133)` looks like.

```
.text, #text, p{  
    color:rgb(165, 0, 133)  
}
```

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(165, 0, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 0, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 31.1332, 58.7558, -22.0463 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(165, 0, 133) }
```


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

```
.border{ border-color:rgb(165, 0, 133) }
```

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

Here you see how a box with a 4 pixel rgb(165, 0, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 0, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 0, 133);  
box-shadow:4px 4px 4px 4px rgb(165, 0,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.1332, 58.7558, -22.0463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 0, 133) }
```

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

```
.background{ background-color: rgb(165, 0,  
133) }
```

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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