

Converting Colors

HunterLab(87.9660, -31.4311,
53.6540)

Have a look what the booklet for
HunterLab(87.9660, -31.4311,
53.6540) contains.

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Color

**HunterLab(87.9660,
-31.4311, 53.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	DBF000
RGB	219, 240, 0
RGB Percent	86%, 94%, 0%
CMY	0.1412, 0.0588, 0.9999
CMYK	0.09, 0.00, 1.00, 0.06
HSL	65°, 100%, 47%
HSV	65°, 100%, 94%
XYZ	60.3735, 77.3802, 11.7538
YIQ	206.3610, 64.5240, -79.0920

Conversions

Conversions Part 2

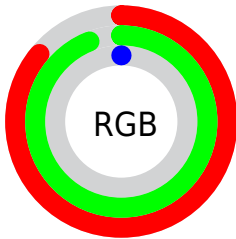
Format	Color
RYB	0, 240, 21
Decimal	14413824
CIELab	90.50, -29.23, 88.38
CIELCh	90, 93.093, 108.301
Yxy	77.3837, 0.4038, 0.5176
Android (android.graphics.Color)	4292603904 (0xFFDBF000)
YUV	206.3610, -101.7360, 11.0844
Hunter-Lab	87.9660, -31.4311, 53.6540

Details

The HunterLab color **87.9660, -31.4311, 53.6540** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **25.4013, 68.2611, -175.5853**, and the grayscale version is **79.1229, -4.2218, 4.2989**.

A 20% lighter version of the original color is **96.7226, -23.5974, 52.9803**, and **64.5383, -25.9892, 39.3132** is the 20% darker color. If you saturate the color by 10%, you get **87.9677, -31.4351, 53.6550**, and if you desaturate by 10%, it is **88.1917, -30.5143, 53.2268**.

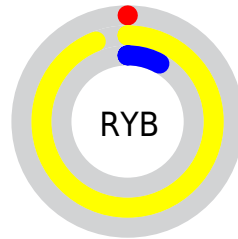
Distribution



Red (86%)

Green (94%)

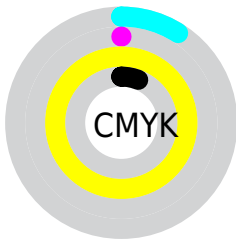
Blue (0%)



Red (0%)

Yellow (94%)

Blue (8%)

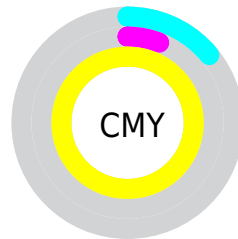


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (14%)


Magenta (6%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.9660, -31.4311, 53.6540 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 87.9660, -31.4311, 53.6540 by changing the saturation by 10% instead.


 87.9660, -31.4311,
53.6540

 87.9660, -31.4311,
53.6540


220.4703,
-49.1840, 96.8600


 75.8735, -29.3307,
48.0659


 113.8776,
-35.5209, 64.2477


 64.3905, -27.1733,
42.2635


 127.6445,
-37.5201, 69.2868


 53.5535, -24.9465,
36.2463


 141.9255,
-39.4974, 74.1767

 43.4036, -22.6290,
30.3825

 156.7025,
-41.4572, 78.9324

 33.9908, -20.1898,
23.7936

 171.9596,
-43.4030, 83.5674

 25.3784, -17.5813,
17.7649

 187.6819,

 17.6488, -14.7248,

-45.3379, 88.0935

12.3542

203.8563,
-47.2642, 92.5213

■ 10.9177, -12.7132,
7.6424

■ 2.3479, -4.1088,
1.6435

■ 87.9660, -31.4311,
53.6540

■ 87.9660, -31.4311,
53.6540

■ 87.9677, -31.4351,
53.6550

■ 88.1917, -30.5143,
53.2268

■ 88.4632, -29.3253,
52.1205

■ 88.7965, -27.7889,
50.1318

■ 89.1995, -25.8639,
47.1499

■ 89.6782, -23.5199,
43.0917

■ 90.2376, -20.7350,
37.8946

■ 90.8818, -17.4940,
31.5143

■ 91.6139, -13.7882,
23.9220

■ 92.4364, -9.6143,
15.1034

Harmonies

Analogous

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



87.9680, 14.4797, 54.3272



87.9660, -31.4311, 53.6540



87.9680, -62.7470, 45.0465

Triad

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



87.9680, -31.4339, 53.6545



87.9680, -57.3176, -87.1983



87.9680, 103.0408, -14.5874

Complementary

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



87.9660, -31.4311, 53.6540



25.4013, 68.2611, -175.5853

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.



87.9680, 73.8814, -74.2260



87.9660, -31.4311, 53.6540



87.9680, -22.3626, -128.7330

Square

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



87.9680, -31.4339, 53.6545



87.9680, -75.3724, -26.8822



87.9680, 25.6684, -123.0248



87.9680, 99.1718, 27.8226

Rectangle

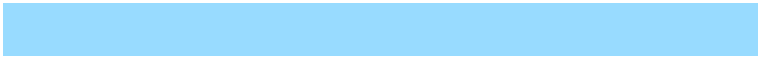
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.9660, -31.4311, 53.6540



87.9680, -74.1659, 31.1112



87.9680, 25.6684, -123.0248



87.9680, 96.5627, -33.5067

Sweetspot

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



87.9680, -31.4339, 53.6545



97.3480, -18.7819, 33.8431



43.6209, 71.7480, 28.1337



44.8976, -9.3956, 17.0647

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.9680, -31.4339, 53.6545



94.2281, -33.6990, 57.4730



80.6439, -60.5134, 48.6323



42.8773, -4.3530, 6.7785



65.1062, -23.1709, 39.7125



18.8329, -6.4775, 11.4913

Inverse Universe

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



25.4013, 68.2611, -175.5853



27.1924, 73.1185, -188.2458



34.4519, 77.2559, -119.2981



39.1086, 0.1395, -2.7655



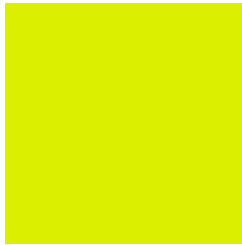
18.8540, 50.5538, -129.4104



5.6409, 14.7391, -35.7259

Previews

White Background



This preview shows how the HunterLab color 87.9660, -31.4311, 53.6540 looks on a white background.

Color Contrast Check

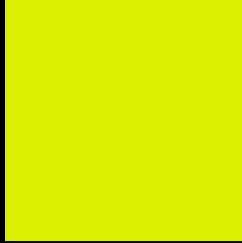
Large Text (above 18pt) WCAG AA × Fail

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 87.9660, -31.4311, 53.6540 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 87.9660, -31.4311, 53.6540 Background



This preview shows how black text looks on a background with the HunterLab color 87.9660, -31.4311, 53.6540.



This preview shows how white text looks on a background with the HunterLab color 87.9660, -31.4311, 53.6540.

-31.4311, 53.6540.

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

87.9660, -31.4311, 53.6540

Protanopia

87.8035, -11.6489, 50.8228

Deuteranopia

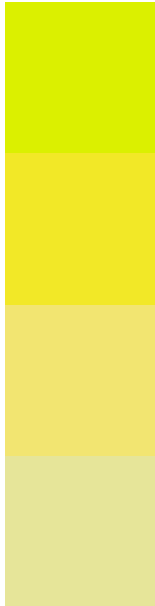
87.5653, 0.2521, 25.7980



Tritanopia

87.7263, 2.8626, -2.1371

Trichromacy



Original Color

87.9660, -31.4311, 53.6540

Protanomaly

87.5996, -19.1369, 52.3443

Deuteranomaly

87.2400, -14.3183, 42.8886

Tritanomaly

86.6957, -15.0004, 32.5486

Monochromacy



Original Color

87.9660, -31.4311, 53.6540

Achromatopsia

78.5625, -4.1919, 4.2684

Achromatomaly

81.0126, -18.3130, 33.8839

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.9660, -31.4311, 53.6540 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(219, 240, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 240, 0)  
}
```

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(219, 240, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 240, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 87.9660, -31.4311, 53.6540 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(219, 240, 0) }
```


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

```
.border{ border-color:rgb(219, 240, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 240, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 240, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 240, 0);  
box-shadow:4px 4px 4px 4px rgb(219, 240,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.9660, -31.4311, 53.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 240, 0) }
```

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

```
.background{ background-color: rgb(219,  
240, 0) }
```

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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