

Converting Colors

HunterLab(47.3155, 96.2880,
-87.7096)

Have a look what the booklet for
HunterLab(47.3155, 96.2880,
-87.7096) contains.

HunterLab(47.3663, 96.3586, -87.5500)	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(47.3663, 96.3586,
-87.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	DC00FF
RGB	220, 0, 255
RGB Percent	86%, 0%, 100%
CMY	0.1372, 0.9999, 0.0000
CMYK	0.14, 1.00, 0.00, 0.00
HSL	292°, 100%, 50%
HSV	292°, 100%, 100%
XYZ	47.5652, 22.4357, 96.4314
YIQ	94.8500, 49.2650, 125.9450

Conversions

Conversions Part 2

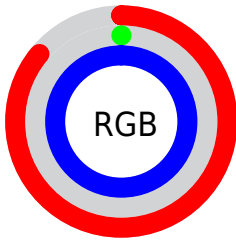
Format	Color
R_{YB}	220, 0, 255
Decimal	14418175
CIE _{Lab}	54.49, 93.15, -70.54
CIE _{LCh}	54, 116.839, 322.864
Yxy	22.4366, 0.2858, 0.1348
Android (android.graphics.Color)	4292608255 (0xFFDC00FF)
YUV	94.8500, 78.9540, 109.7566
Hunter-Lab	47.3663, 96.3586, -87.5500

Details

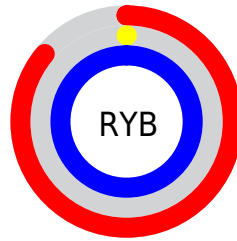
The HunterLab color **47.3663, 96.3586, -87.5500** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **84.7808, -71.6148, 50.9873**, and the grayscale version is **33.4808, -1.7865, 1.8191**.

A 20% lighter version of the original color is **61.1585, 79.0414, -52.6479**, and **33.7671, 69.7651, -70.7215** is the 20% darker color. If you saturate the color by 10%, you get **47.3661, 96.3584, -87.5506**, and if you desaturate by 10%, it is **48.6887, 94.4196, -83.5527**.

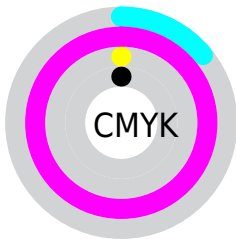
Distribution



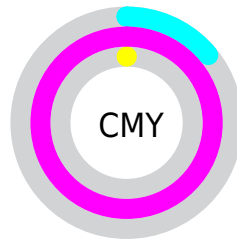
- Red (86%)
- Green (0%)
- Blue (100%)



- Red (86%)
- Yellow (0%)
- Blue (100%)



- Cyan (14%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.3663, 96.3586, -87.5500 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 47.3663, 96.3586, -87.5500 by changing the saturation by 10% instead.


 47.3663, 96.3586,
-87.5500


 47.3663, 96.3586,
-87.5500


162.7322,
118.5261, -93.7029


 37.6537, 93.8313,
-88.1536

 68.8959, 101.6551,
-87.9614

 28.7134, 91.6136,
-89.8754


 80.6267, 104.2819,
-88.5782


 20.6200, 90.1330,
-93.7392

 92.9567, 106.8506,
-89.3303

 13.4738, 90.4846,
-102.2900

 105.8581,
109.3474, -90.1616

 7.0481, 102.7135,
-130.8846

 119.3067,
111.7652, -91.0355

0.0000, INF, -NF

0.0000, NaN, -NF

133.2809,

114.1010, -91.9273

0.0000, NaN, -NF

147.7618,
116.3543, -92.8203

■ 47.3663, 96.3586,
-87.5500

■ 47.3663, 96.3586,
-87.5500

■ 47.3661, 96.3584,
-87.5506

■ 48.6887, 94.4196,
-83.5527

■ 50.9129, 89.4075,
-77.2368

■ 54.1922, 81.2702,
-68.6917

■ 58.4985, 70.7513,
-58.6028

■ 63.7386, 58.7297,
-47.7010

■ 69.7941, 45.9460,
-36.5580

■ 76.5465, 32.9116,
-25.5358

■ 83.8898, 19.9298,
-14.8236

■ 91.7349, 7.1557,
-4.4949

Harmonies

Analogous

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



47.3673, 39.1448, -171.9351



47.3663, 96.3586, -87.5500



47.3673, 129.0338, -9.7375

Triad

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



47.3673, 96.3570, -87.5470



47.3673, 9.5455, 33.1571



47.3673, -61.2627, -46.0853

Complementary

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



47.3663, 96.3586, -87.5500



84.7808, -71.6148, 50.9873

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.



47.3673, -63.8863, 12.2775



47.3663, 96.3586, -87.5500



47.3673, -33.4392, 33.1571

Square

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



47.3673, 96.3570, -87.5470



47.3673, 67.4411, 33.0872



47.3673, -56.0978, 30.8980



47.3673, -46.5124, -135.3878

Rectangle

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



47.3663, 96.3586, -87.5500



47.3673, 125.9772, 18.3113



47.3673, -56.0978, 30.8980



47.3673, -63.2642, -21.5610

Sweetspot

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



47.3673, 96.3570, -87.5470



76.5394, 32.9247, -25.5468



29.3664, 62.5916, -171.8196



34.0576, 17.7783, -13.9552

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.3673, 96.3570, -87.5470



47.3661, 96.3584, -87.5506



48.9948, 89.5033, -11.7597



42.6222, 3.0268, -1.8523



34.3101, 69.7524, -63.0631



10.8607, 21.9813, -19.1992

Inverse Universe

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



46.2407, 79.4483, 27.8430



46.2400, 79.4498, 27.8448



84.9976, -69.8367, 44.5188



42.4590, 1.8359, 2.9088



33.4433, 57.4990, 19.8554



10.4919, 18.1505, 5.3629

Previews

White Background



This preview shows how the HunterLab color 47.3663, 96.3586, -87.5500 looks on a white background.

Color Contrast Check

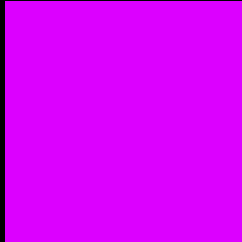
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3663, 96.3586, -87.5500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

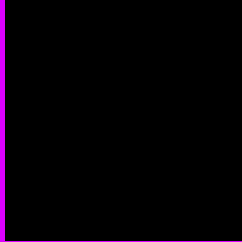
Any Text WCAG AA ✓ Pass

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 47.3663, 96.3586, -87.5500 Background



This preview shows how black text looks on a background with the HunterLab color 47.3663, 96.3586, -87.5500.



This preview shows how white text looks on a background with the HunterLab color 47.3663, 96.3586, -87.5500.

-87.5500.

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

47.3663, 96.3586, -87.5500

Protanopia

48.3616, 15.7070, -85.9115

Deuteranopia

48.1296, 4.0824, -68.9705



Tritanopia

47.5325, 34.3538, 12.5401

Trichromacy



Original Color

47.3663, 96.3586, -87.5500



Protanomaly

40.7622, 50.4148, -111.6101



Deuteranomaly

38.3851, 39.2512, -107.8603



Tritanomaly

44.3282, 60.4591, -16.7256

Monochromacy



Original Color

47.3663, 96.3586, -87.5500



Achromatopsia

33.8283, -1.8050, 1.8380



Achromatomaly

33.3273, 39.0534, -32.3946

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3663, 96.3586, -87.5500 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(220, 0, 255)` looks like.

```
.text, #text, p{  
  color:rgb(220, 0, 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(220, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 0, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3663, 96.3586, -87.5500 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(220, 0, 255) }
```


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

```
.border{ border-color:rgb(220, 0, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 0, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 0,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3663, 96.3586, -87.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 0, 255) }
```

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

```
.background{ background-color: rgb(220, 0,  
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](#).

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