

Converting Colors

HunterLab(21.0463, 46.0913,
-93.6381)

Have a look what the booklet for
HunterLab(21.0463, 46.0913,
-93.6381) contains.

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Color

**HunterLab(20.9992, 45.9383,
-93.6324)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 430EAA |
| RGB | 67, 14, 170 |
| RGB Percent | 26%, 5%, 67% |
| CMY | 0.7372, 0.9451, 0.3333 |
| CMYK | 0.61, 0.92, 0.00, 0.33 |
| HSL | 260°, 85%, 36% |
| HSV | 260°, 92%, 67% |
| XYZ | 9.7275, 4.4097, 38.3687 |
| YIQ | 47.6310, -18.4880, 59.7520 |

Conversions

Conversions Part 2

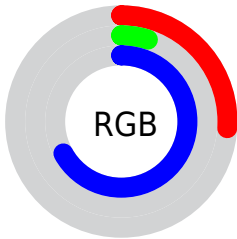
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 67, 14, 170 |
| Decimal | 4394666 |
| CIE Lab | 24.98, 57.23, -70.61 |
| CIE LCh | 25, 90.890, 309.028 |
| Yxy | 4.4097, 0.1853, 0.0840 |
| Android (android.graphics.Color) | 4282584746 (0xFF430EAA) |
| YUV | 47.6310, 60.3279, 16.9866 |
| Hunter-Lab | 20.9992, 45.9383, -93.6324 |

Details

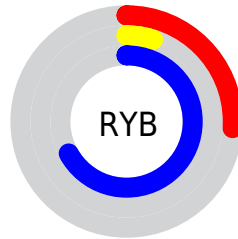
The HunterLab color **20.9992, 45.9383, -93.6324** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **57.0636, -31.7038, 34.1758**, and the grayscale version is **16.8796, -0.9007, 0.9171**.

A 20% lighter version of the original color is **38.0993, 50.2547, -88.7372**, and **11.2292, 30.4593, -79.7884** is the 20% darker color. If you saturate the color by 10%, you get **19.4803, 48.2588, -102.9003**, and if you desaturate by 10%, it is **23.4764, 41.8408, -80.8477**.

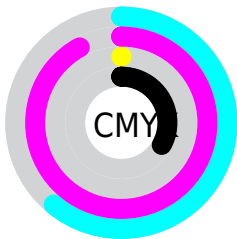
Distribution



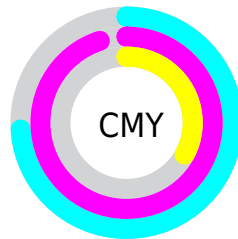
- Red (26%)
- Green (5%)
- Blue (67%)



- Red (26%)
- Yellow (5%)
- Blue (67%)



- Cyan (61%)
- Magenta (92%)
- Yellow (0%)
- Black (33%)



- Cyan (74%)
- Magenta (95%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9992, 45.9383, -93.6324 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 20.9992, 45.9383, -93.6324 by changing the saturation by 10% instead.

20.9992, 45.9383,
-93.6324

20.9992, 45.9383,
-93.6324

119.9863, 61.9893,
-91.2045

13.8033, 44.1206,
-101.8670

38.1169, 50.0727,
-88.2412

7.4267, 45.8587,
-127.1008

47.8671, 52.0756,
-87.6690

0.0000, INF, -NF

0.0000, NaN, -NF

58.3307, 53.9822,
-87.7104

0.0000, NaN, -NF

69.4621, 55.7845,
-88.1148

0.0000, NaN, -NF

81.2233, 57.4824,
-88.7388

0.0000, NaN, NaN

0.0000, NaN, NaN

93.5822, 59.0793,

-89.4953

0.0000, NaN, NaN

106.5112, 60.5799,
-90.3292

20.9992, 45.9383,
-93.6324

20.9992, 45.9383,
-93.6324

19.4803, 48.2588,
-102.9003

23.4764, 41.8408,
-80.8477

26.7622, 36.3786,
-67.1265

30.7090, 30.4052,
-53.9705

35.1772, 24.4087,
-41.9956

40.0564, 18.5938,
-31.2830

■ 45.2647, 13.0145,
-21.6944

■ 50.7423, 7.6597,
-13.0354

■ 56.4455, 2.4966,
-5.1217

■ 62.3417, -2.5114,
2.2019

Harmonies

Analogous

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



20.9994, 8.2238, -143.9525



20.9992, 45.9383, -93.6324



20.9994, 78.8515, -27.5232

Triad

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



20.9994, 45.9401, -93.6318



20.9994, 22.4081, 14.6996



20.9994, -33.0308, -8.8348

Complementary

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



20.9992, 45.9383, -93.6324



57.0636, -31.7038, 34.1758

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.



20.9994, -32.0151, 12.6185



20.9992, 45.9383, -93.6324



20.9994, -9.0734, 14.6996

Square

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



20.9994, 45.9401, -93.6318



20.9994, 60.9502, 14.6996



20.9994, -25.7431, 14.6996



20.9994, -29.0420, -65.6874

Rectangle

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



20.9992, 45.9383, -93.6324



20.9994, 87.0029, 0.2365



20.9994, -25.7431, 14.6996



20.9994, -33.2618, 2.0109

Sweetspot

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



20.9994, 45.9401, -93.6318



63.3396, 15.1480, -25.2955



39.9402, -7.7064, -31.9789



28.4706, 8.6085, -14.3507



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



20.9994, 45.9401, -93.6318



26.0332, 64.8096, -139.9741



30.2415, 58.7182, -54.8978



27.2393, 0.5821, -1.5287



16.7916, 41.4702, -87.7065



3.1093, 6.9953, -10.9408

Inverse Universe

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



31.8499, 56.0423, -10.7167



41.9473, 76.8180, -11.5139



54.0669, -44.0091, 32.0899



27.6091, 1.6730, 0.2017



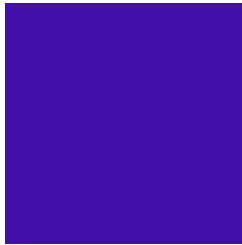
26.7614, 49.0997, -8.0562



4.2806, 8.0380, -2.7175

Previews

White Background



This preview shows how the HunterLab color 20.9992, 45.9383, -93.6324 looks on a white background.

Color Contrast Check

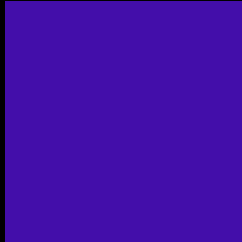
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9992, 45.9383, -93.6324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

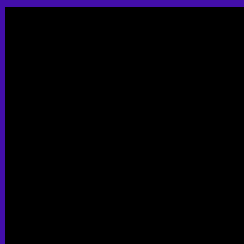
Any Text WCAG AA × Fail

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 20.9992, 45.9383, -93.6324 Background



This preview shows how black text looks on a background with the HunterLab color 20.9992, 45.9383, -93.6324.



This preview shows how white text looks on a background with the HunterLab color 20.9992, 45.9383, -93.6324.

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

20.9992, 45.9383, -93.6324

Protanopia

21.3494, 5.6060, -38.7866

Deuteranopia

21.3891, -1.3179, -23.8895



Tritanopia

21.4298, -9.2605, -3.9196

Trichromacy



Original Color

20.9992, 45.9383, -93.6324

Protanomaly

19.5330, 20.4115, -62.9169

Deuteranomaly

19.1205, 15.8075, -52.3426

Tritanomaly

18.8519, 9.2092, -32.8422

Monochromacy



Original Color

20.9992, 45.9383, -93.6324

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

16.8721, 14.2541, -24.9348

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9992, 45.9383, -93.6324 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(67, 14, 170)` looks like.

```
.text, #text, p{  
    color:rgb(67, 14, 170)  
}
```

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(67, 14, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 14, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9992, 45.9383, -93.6324 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(67, 14, 170) }
```


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

```
.border{ border-color:rgb(67, 14, 170) }
```

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

Here you see how a box with a 4 pixel rgb(67, 14, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 14, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 14, 170);  
box-shadow:4px 4px 4px 4px rgb(67, 14,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.9992, 45.9383, -93.6324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 14, 170) }
```

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

```
.background{ background-color: rgb(67, 14,  
170) }
```

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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