

Converting Colors

HunterLab(20.4359, 48.9453,
-94.9182)

Have a look what the booklet for
HunterLab(20.4359, 48.9453,
-94.9182) contains.

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Color

**HunterLab(20.5041, 49.0842,
-95.0465)**

Conversions

Conversions Part 1

Format	Color
Hex	4700A9
RGB	71, 0, 169
RGB Percent	28%, 0%, 66%
CMY	0.7215, 1.0000, 0.3373
CMYK	0.58, 1.00, 0.00, 0.34
HSL	265°, 100%, 33%
HSV	265°, 100%, 66%
XYZ	9.7600, 4.2042, 37.8333
YIQ	40.4950, -11.9330, 67.6110

Conversions

Conversions Part 2

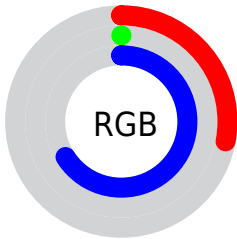
Format	Color
R_{YB}	71, 0, 169
Decimal	4653225
CIE _{Lab}	24.34, 60.28, -71.06
CIE _{LCh}	24, 93.185, 310.308
Yxy	4.2044, 0.1884, 0.0812
Android (android.graphics.Color)	4282843305 (0xFF4700A9)
YUV	40.4950, 63.3530, 26.7529
Hunter-Lab	20.5041, 49.0842, -95.0465

Details

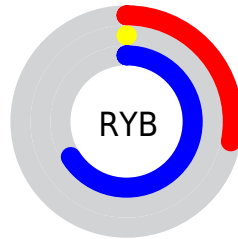
The HunterLab color **20.5041, 49.0842, -95.0465** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **55.6530, -35.7323, 33.6675**, and the grayscale version is **14.5317, -0.7754, 0.7895**.

A 20% lighter version of the original color is **37.6525, 53.2589, -89.1657**, and **11.1257, 30.1784, -79.0526** is the 20% darker color. If you saturate the color by 10%, you get **20.5046, 49.0848, -95.0441**, and if you desaturate by 10%, it is **22.3676, 46.5409, -84.9003**.

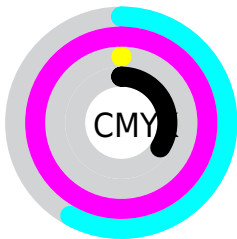
Distribution



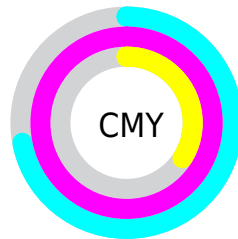
- Red (28%)
- Green (0%)
- Blue (66%)



- Red (28%)
- Yellow (0%)
- Blue (66%)



- Cyan (58%)
- Magenta (100%)
- Yellow (0%)
- Black (34%)



- Cyan (72%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5041, 49.0842, -95.0465 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 20.5041, 49.0842, -95.0465 by changing the saturation by 10% instead.

20.5041, 49.0842,
-95.0465

20.5041, 49.0842,
-95.0465

119.0993, 65.9116,
-91.9536

13.3736, 47.3552,
-103.9225

37.5126, 53.3017,
-89.2048

6.9283, 51.2997,
-134.3536

47.2148, 55.3904,
-88.5432

0.0000, INF, -NF

0.0000, NaN, -NF

57.6338, 57.3930,
-88.5308

0.0000, NaN, -NF

68.7232, 59.2961,
-88.9023

0.0000, NaN, -NF

80.4447, 61.0968,
-89.5063

0.0000, NaN, NaN

0.0000, NaN, NaN

92.7659, 62.7970,

-90.2514

0.0000, NaN, NaN

105.6588, 64.4004,
-91.0797

20.5041, 49.0842,
-95.0465

20.5041, 49.0842,
-95.0465

20.5046, 49.0848,
-95.0441

22.3676, 46.5409,
-84.9003

24.9025, 42.4596,
-73.2818

28.1754, 37.0595,
-60.9781

32.0604, 31.0845,
-49.1172

36.4368, 24.9880,
-38.1894

■ 41.2069, 18.9845,
-28.2848

■ 46.2960, 13.1500,
-19.3141

■ 51.6487, 7.4941,
-11.1329

■ 57.2234, 1.9991,
-3.5962

Harmonies

Analogous

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



20.5046, 9.9043, -150.5770



20.5041, 49.0842, -95.0465



20.5046, 82.6150, -26.1280

Triad

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



20.5046, 49.0848, -95.0441



20.5046, 21.3624, 14.3532



20.5046, -33.0745, -10.8703

Complementary

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



20.5041, 49.0842, -95.0465



55.6530, -35.7323, 33.6675

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.



20.5046, -32.2360, 12.2188



20.5041, 49.0842, -95.0465



20.5046, -10.1748, 14.3532

Square

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



20.5046, 49.0848, -95.0441



20.5046, 61.3696, 14.3532



20.5046, -26.1838, 14.3532



20.5046, -28.6925, -71.7613

Rectangle

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



20.5041, 49.0842, -95.0465



20.5046, 90.1744, 1.3999



20.5046, -26.1838, 14.3532



20.5046, -33.3938, 0.8283

Sweetspot

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



20.5046, 49.0848, -95.0441



61.5810, 18.0110, -26.4629



34.2193, 0.5425, -43.9421



27.4505, 9.8663, -14.5594



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



20.5046, 49.0848, -95.0441



27.2263, 65.4685, -128.4713



31.3448, 62.8176, -50.5874



27.2925, 0.7627, -1.4571



17.7865, 42.4628, -81.5507



3.2749, 7.1945, -10.1786

Inverse Universe

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



30.5235, 55.1611, -2.6691



40.7960, 73.6307, -2.8339



53.3574, -45.3011, 32.0855



27.5908, 1.5745, 0.4629



26.3716, 47.6952, -2.5951



4.2318, 7.8645, -2.0515

Previews

White Background



This preview shows how the HunterLab color 20.5041, 49.0842, -95.0465 looks on a white background.

Color Contrast Check

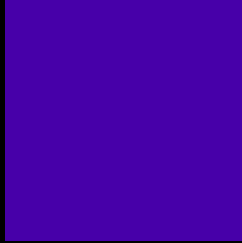
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5041, 49.0842, -95.0465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

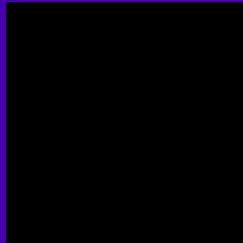
Any Text WCAG AA × Fail

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 20.5041, 49.0842, -95.0465 Background



This preview shows how black text looks on a background with the HunterLab color 20.5041, 49.0842, -95.0465.



This preview shows how white text looks on a background with the HunterLab color 20.5041, 49.0842, -95.0465.

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

20.5041, 49.0842, -95.0465

Protanopia

21.3494, 5.6060, -38.7866

Deuteranopia

21.3891, -1.3179, -23.8895



Tritanopia

21.5469, -7.4643, -3.2570

Trichromacy



Original Color

20.5041, 49.0842, -95.0465

Protanomaly

18.7064, 23.1118, -66.7070

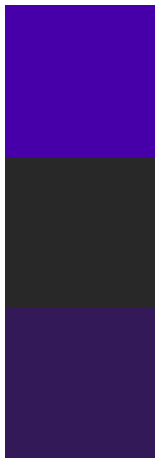
Deuteranomaly

18.1541, 18.1900, -55.1922

Tritanomaly

18.1612, 13.5132, -33.9835

Monochromacy



Original Color

20.5041, 49.0842, -95.0465

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.4471, 17.1358, -27.8022

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5041, 49.0842, -95.0465 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(71, 0, 169)` looks like.

```
.text, #text, p{  
    color:rgb(71, 0, 169)  
}
```

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(71, 0, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 0, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5041, 49.0842, -95.0465 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(71, 0, 169) }
```


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

```
.border{ border-color:rgb(71, 0, 169) }
```

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

Here you see how a box with a 4 pixel rgb(71, 0, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 0, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 0, 169);  
box-shadow:4px 4px 4px 4px rgb(71, 0, 169)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5041, 49.0842, -95.0465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 0, 169) }
```

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

```
.background{ background-color: rgb(71, 0,  
169) }
```

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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