

Converting Colors

HunterLab(20.6292, 49.0866,
-93.3231)

Have a look what the booklet for
HunterLab(20.6292, 49.0866,
-93.3231) contains.

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Color

**HunterLab(20.6001, 49.0018,
-93.0718)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4900A8 |
| RGB | 73, 0, 168 |
| RGB Percent | 29%, 0%, 66% |
| CMY | 0.7137, 1.0000, 0.3412 |
| CMYK | 0.57, 1.00, 0.00, 0.34 |
| HSL | 266°, 100%, 33% |
| HSV | 266°, 100%, 66% |
| XYZ | 9.8156, 4.2436, 37.3477 |
| YIQ | 40.9790, -10.4200, 67.7240 |

Conversions

Conversions Part 2

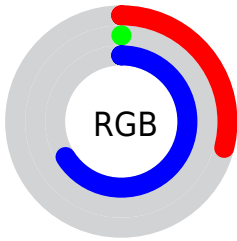
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 73, 0, 168 |
| Decimal | 4784296 |
| CIE _{Lab} | 24.46, 60.18, -70.24 |
| CIE _{LCh} | 24, 92.496, 310.590 |
| Yxy | 4.2438, 0.1909, 0.0826 |
| Android (android.graphics.Color) | 4282974376 (0xFF4900A8) |
| YUV | 40.9790, 62.6214, 28.0824 |
| Hunter-Lab | 20.6001, 49.0018, -93.0718 |

Details

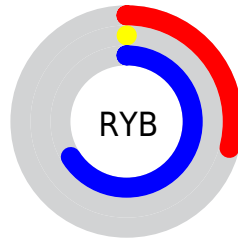
The HunterLab color **20.6001, 49.0018, -93.0718** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **55.1708, -35.9768, 33.3661**, and the grayscale version is **14.6903, -0.7838, 0.7981**.

A 20% lighter version of the original color is **37.6874, 53.1838, -87.9122**, and **11.0223, 29.8979, -78.3179** is the 20% darker color. If you saturate the color by 10%, you get **20.6005, 49.0024, -93.0696**, and if you desaturate by 10%, it is **22.4464, 46.5156, -83.2076**.

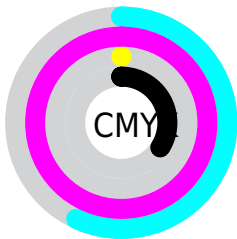
Distribution



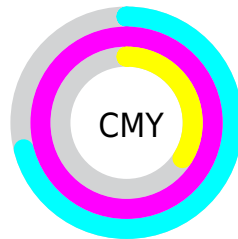
- Red (29%)
- Green (0%)
- Blue (66%)



- Red (29%)
- Yellow (0%)
- Blue (66%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (34%)



- Cyan (71%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.6001, 49.0018, -93.0718 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 20.6001, 49.0018, -93.0718 by changing the saturation by 10% instead.

■ 20.6001, 49.0018,
-93.0718

■ 20.6001, 49.0018,
-93.0718

■ 119.2717, 65.7995,
-90.5088

■ 13.4569, 47.2626,
-101.5172

■ 37.6299, 53.2186,
-87.5751

■ 7.0280, 50.7888,
-129.9772

■ 47.3415, 55.3038,
-86.9898

0.0000, INF, -NF

0.0000, NaN, -NF

■ 57.7692, 57.3024,
-87.0252

0.0000, NaN, -NF

■ 68.8668, 59.2012,
-87.4264

0.0000, NaN, -NF

■ 80.5960, 60.9976,
-88.0484

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.9245, 62.6934,

-88.8032

0.0000, NaN, NaN

105.8245, 64.2925,
-89.6354

20.6001, 49.0018,
-93.0718

20.6001, 49.0018,
-93.0718

20.6005, 49.0024,
-93.0696

22.4464, 46.5156,
-83.2076

24.9480, 42.5047,
-71.9247

28.1755, 37.1638,
-59.9441

32.0079, 31.2231,
-48.3528

36.3276, 25.1366,
-37.6375

■ 41.0388, 19.1247,
-27.8989

■ 46.0677, 13.2694,
-19.0599

■ 51.3595, 7.5850,
-10.9861

■ 56.8726, 2.0569,
-3.5400

Harmonies

Analogous

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



20.6005, 10.1481, -148.0867



20.6001, 49.0018, -93.0718



20.6005, 81.9575, -25.3418

Triad

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



20.6005, 49.0024, -93.0696



20.6005, 20.8282, 14.4204



20.6005, -32.9801, -11.1620

Complementary

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



20.6001, 49.0018, -93.0718



55.1708, -35.9768, 33.3661

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.



20.6005, -32.2014, 12.1191



20.6001, 49.0018, -93.0718



20.6005, -10.3564, 14.4204

Square

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



20.6005, 49.0024, -93.0696



20.6005, 60.4182, 14.4204



20.6005, -26.2326, 14.4204



20.6005, -28.6046, -71.5273

Rectangle

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



20.6001, 49.0018, -93.0718



20.6005, 89.2075, 1.6588



20.6005, -26.2326, 14.4204



20.6005, -33.3123, 0.5690

Sweetspot

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



20.6005, 49.0024, -93.0696



61.6743, 18.3032, -26.3023



33.2381, 1.8641, -45.5688



27.5003, 10.0189, -14.4687



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.



20.6005, 49.0024, -93.0696



27.5302, 65.7809, -126.6627



31.5836, 63.0390, -48.9791



27.3020, 0.7952, -1.4443



17.9834, 42.6685, -80.4051



3.3038, 7.2300, -10.0527

Inverse Universe

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



30.2507, 54.5361, -1.6224



40.6964, 73.2697, -1.4229



52.9887, -45.0860, 31.8621



27.5875, 1.5569, 0.5095



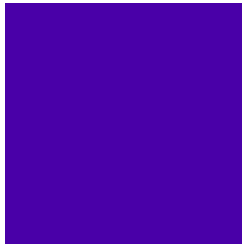
26.3076, 47.4636, -1.6908



4.2234, 7.8346, -1.9366

Previews

White Background



This preview shows how the HunterLab color 20.6001, 49.0018, -93.0718 looks on a white background.

Color Contrast Check

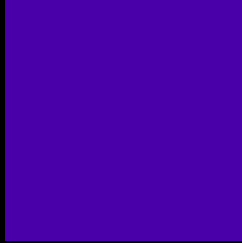
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6001, 49.0018, -93.0718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

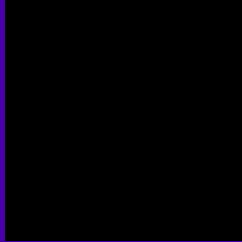
Any Text WCAG AA × Fail

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 20.6001, 49.0018, -93.0718 Background



This preview shows how black text looks on a background with the HunterLab color 20.6001, 49.0018, -93.0718.



This preview shows how white text looks on a background with the HunterLab color 20.6001, 49.0018,

-93.0718.

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

20.6001, 49.0018, -93.0718

Protanopia

21.4083, 5.9095, -39.5155

Deuteranopia

21.3891, -1.3179, -23.8895



Tritanopia

21.4723, -6.3595, -3.3406

Trichromacy



Original Color

20.6001, 49.0018, -93.0718

Protanomaly

18.7422, 23.1901, -66.5335

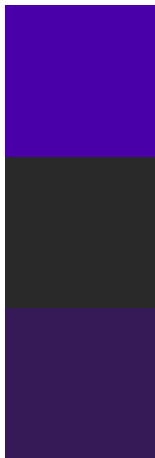
Deuteranomaly

18.1910, 18.2793, -55.0327

Tritanomaly

18.1093, 14.2523, -33.2351

Monochromacy



Original Color

20.6001, 49.0018, -93.0718

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.7777, 17.1150, -26.7712

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.6001, 49.0018, -93.0718 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(73, 0, 168)` looks like.

```
.text, #text, p{  
    color:rgb(73, 0, 168)  
}
```

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(73, 0, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 0, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 20.6001, 49.0018, -93.0718 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(73, 0, 168) }
```


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

```
.border{ border-color:rgb(73, 0, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 0, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 0, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 0, 168);  
box-shadow:4px 4px 4px 4px rgb(73, 0, 168)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.6001, 49.0018, -93.0718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 0, 168) }
```

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

```
.background{ background-color: rgb(73, 0,  
168) }
```

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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