

Converting Colors

HunterLab(20.5645, 50.4499,
-104.7927)

Have a look what the booklet for
HunterLab(20.5645, 50.4499,
-104.7927) contains.

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Color

**HunterLab(20.5538, 50.4492,
-104.9357)**

Conversions

Conversions Part 1

Format	Color
Hex	4000B0
RGB	64, 0, 176
RGB Percent	25%, 0%, 69%
CMY	0.7490, 1.0000, 0.3098
CMYK	0.64, 1.00, 0.00, 0.31
HSL	262°, 100%, 35%
HSV	262°, 100%, 69%
XYZ	9.9508, 4.2246, 41.3653
YIQ	39.2000, -18.3520, 68.3040

Conversions

Conversions Part 2

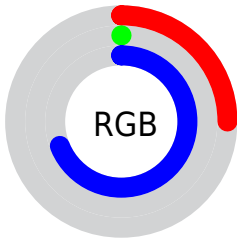
Format	Color
RYB	64, 0, 176
Decimal	4194480
CIELab	24.40, 61.52, -75.19
CIELCh	24, 97.151, 309.286
Yxy	4.2248, 0.1792, 0.0761
Android (android.graphics.Color)	4282384560 (0xFF4000B0)
YUV	39.2000, 67.4424, 21.7496
Hunter-Lab	20.5538, 50.4492, -104.9357

Details

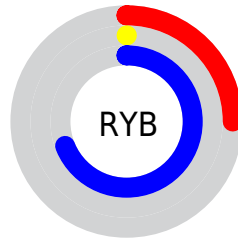
The HunterLab color **20.5538, 50.4492, -104.9357** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **58.7326, -35.2913, 35.5729**, and the grayscale version is **14.1027, -0.7525, 0.7662**.

A 20% lighter version of the original color is **37.4993, 54.7766, -97.8219**, and **11.8539, 32.1536, -84.2267** is the 20% darker color. If you saturate the color by 10%, you get **20.5543, 50.4498, -104.9328**, and if you desaturate by 10%, it is **22.4912, 47.6569, -93.5851**.

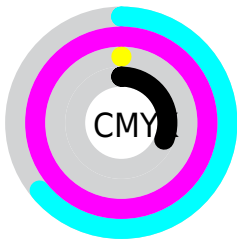
Distribution



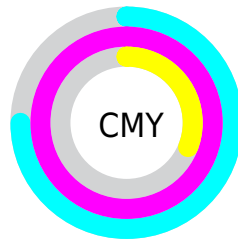
- Red (25%)
- Green (0%)
- Blue (69%)



- Red (25%)
- Yellow (0%)
- Blue (69%)



- Cyan (64%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (75%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5538, 50.4492, -104.9357 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 20.5538, 50.4492, -104.9357 by changing the saturation by 10% instead.

■ 20.5538, 50.4492,
-104.9357

■ 20.5538, 50.4492,
-104.9357

■ 119.1887, 67.5592,
-99.4131

■ 13.4168, 48.7452,
-115.5933

■ 37.5734, 54.6973,
-97.5668

■ 6.9802, 52.6932,
-150.5388

■ 47.2805, 56.8162,
-96.5491

0.0000, INF, -NF

0.0000, NaN, -NF

■ 57.7040, 58.8530,
-96.3081

0.0000, NaN, -NF

■ 68.7977, 60.7925,
-96.5329

0.0000, NaN, -NF

■ 80.5232, 62.6307,
-97.0457

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.8481, 64.3688,

-97.7384

0.0000, NaN, NaN

105.7448, 66.0102,
-98.5425

20.5538, 50.4492,
-104.9357

20.5538, 50.4492,
-104.9357

20.5543, 50.4498,
-104.9328

22.4912, 47.6569,
-93.5851

25.1916, 43.2003,
-80.3919

28.7008, 37.4350,
-66.5109

32.8693, 31.1839,
-53.2906

37.5598, 24.9106,
-41.2578

■ 42.6638, 18.8102,
-30.4629

■ 48.1006, 12.9356,
-20.7636

■ 53.8112, 7.2776,
-11.9708

■ 59.7521, 1.8055,
-3.9063

Harmonies

Analogous

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



20.5543, 9.1936, -163.6937



20.5538, 50.4492, -104.9357



20.5543, 86.9353, -29.7986

Triad

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



20.5543, 50.4498, -104.9328



20.5543, 23.8866, 14.3880



20.5543, -33.9986, -10.0080

Complementary

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



20.5538, 50.4492, -104.9357



58.7326, -35.2913, 35.5729

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.



20.5543, -32.9372, 12.8334



20.5538, 50.4492, -104.9357



20.5543, -9.6935, 14.3880

Square

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



20.5543, 50.4498, -104.9328



20.5543, 66.3884, 14.3880



20.5543, -26.5362, 14.3880



20.5543, -29.6137, -74.2217

Rectangle

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



20.5538, 50.4492, -104.9357



20.5543, 95.8702, 0.4152



20.5543, -26.5362, 14.3880



20.5543, -34.2670, 1.7984

Sweetspot

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



20.5543, 50.4498, -104.9328



64.3839, 17.8286, -28.6162



39.0637, -4.8502, -38.3560



28.5527, 9.7993, -15.7583



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



20.5543, 50.4498, -104.9328



27.4686, 67.7369, -142.6838



30.9528, 63.1344, -58.4997



28.9406, 0.6952, -1.6302



17.6929, 43.2982, -89.3309



3.6360, 8.2170, -13.0778

Inverse Universe

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



32.2488, 58.8542, -7.2780



43.3784, 79.0736, -9.0762



55.9247, -46.9218, 33.6391



29.3142, 1.7752, 0.2856



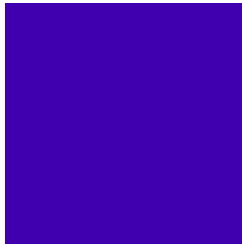
27.6443, 50.4879, -6.5256



5.0117, 9.3428, -2.6530

Previews

White Background



This preview shows how the HunterLab color 20.5538, 50.4492, -104.9357 looks on a white background.

Color Contrast Check

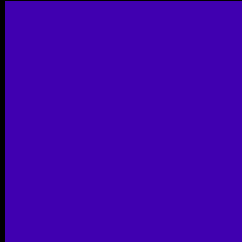
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5538, 50.4492, -104.9357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

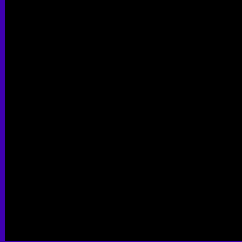
Any Text WCAG AA × Fail

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 20.5538, 50.4492, -104.9357 Background



This preview shows how black text looks on a background with the HunterLab color 20.5538, 50.4492, -104.9357.



This preview shows how white text looks on a background with the HunterLab color 20.5538, 50.4492, -104.9357.

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

20.5538, 50.4492, -104.9357

Protanopia

21.3494, 5.6060, -38.7866

Deuteranopia

21.3891, -1.3179, -23.8895



Tritanopia

21.1712, -10.2646, -4.3037

Trichromacy



Original Color

20.5538, 50.4492, -104.9357

Protanomaly

18.7653, 23.5581, -68.8811

Deuteranomaly

18.2714, 18.9125, -58.0884

Tritanomaly

17.4233, 10.8137, -39.2739

Monochromacy



Original Color

20.5538, 50.4492, -104.9357

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.3000, 17.0375, -30.0761

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5538, 50.4492, -104.9357 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(64, 0, 176)` looks like.

```
.text, #text, p{  
    color:rgb(64, 0, 176)  
}
```

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(64, 0, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 0, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5538, 50.4492, -104.9357 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(64, 0, 176) }
```


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

```
.border{ border-color:rgb(64, 0, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 0, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 0, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 0, 176);  
box-shadow:4px 4px 4px 4px rgb(64, 0, 176)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5538, 50.4492, -104.9357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 0, 176) }
```

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

```
.background{ background-color: rgb(64, 0,  
176) }
```

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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