

Converting Colors

HunterLab(20.5185, 41.8922,
-105.2358)

Have a look what the booklet for
HunterLab(20.5185, 41.8922,
-105.2358) contains.

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Color

**HunterLab(20.5503, 41.7509,
-105.1099)**

Conversions

Conversions Part 1

Format	Color
Hex	2519B0
RGB	37, 25, 176
RGB Percent	15%, 10%, 69%
CMY	0.8549, 0.9020, 0.3098
CMYK	0.79, 0.86, 0.00, 0.31
HSL	245°, 75%, 39%
HSV	245°, 86%, 69%
XYZ	8.9470, 4.2231, 41.4178
YIQ	45.8020, -41.3190, 49.5050

Conversions

Conversions Part 2

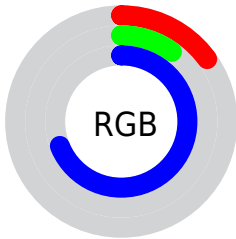
Format	Color
R_{YB}	37, 25, 176
Decimal	2431408
CIE _{Lab}	24.40, 53.33, -75.26
CIE _{LCh}	24, 92.244, 305.321
Yxy	4.2232, 0.1639, 0.0774
Android (android.graphics.Color)	4280621488 (0xFF2519B0)
YUV	45.8020, 64.1876, -7.7194
Hunter-Lab	20.5503, 41.7509, -105.1099

Details

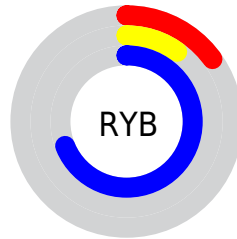
The HunterLab color **20.5503, 41.7509, -105.1099** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **62.4593, -20.6893, 37.2522**, and the grayscale version is **16.2685, -0.8680, 0.8839**.

A 20% lighter version of the original color is **37.6385, 45.7268, -97.4440**, and **11.8539, 32.1536, -84.2267** is the 20% darker color. If you saturate the color by 10%, you get **18.5809, 46.4693, -118.8013**, and if you desaturate by 10%, it is **23.6552, 35.3078, -87.7555**.

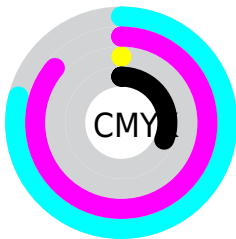
Distribution



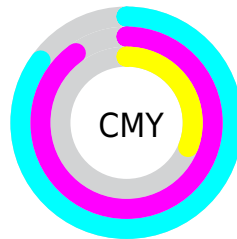
- Red (15%)
- Green (10%)
- Blue (69%)



- Red (15%)
- Yellow (10%)
- Blue (69%)



- Cyan (79%)
- Magenta (86%)
- Yellow (0%)
- Black (31%)



- Cyan (85%)
- Magenta (90%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5503, 41.7509, -105.1099 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 20.5503, 41.7509, -105.1099 by changing the saturation by 10% instead.

■ 20.5503, 41.7509,
-105.1099

■ 20.5503, 41.7509,
-105.1099

■ 119.1816, 56.8275,
-99.5409

■ 13.4133, 39.9204,
-115.8076

■ 37.5686, 45.7391,
-97.7130

■ 6.9761, 42.6158,
-150.8919

■ 47.2753, 47.6352,
-96.6882

0.0000, INF, -NF

0.0000, NaN, -NF

■ 57.6985, 49.4263,
-96.4426

0.0000, NaN, -NF

■ 68.7918, 51.1087,
-96.6645

0.0000, NaN, -NF

■ 80.5170, 52.6849,
-97.1753

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.8416, 54.1597,

-97.8669

0.0000, NaN, NaN

105.7379, 55.5387,
-98.6705

20.5503, 41.7509,
-105.1099

20.5503, 41.7509,
-105.1099

18.5809, 46.4693,
-118.8013

23.6552, 35.3078,
-87.7555

17.9666, 48.2146,
-123.6307

27.6895, 28.5534,
-70.3882

32.4258, 22.2405,
-54.7338

37.6883, 16.5613,
-41.1035

43.3544, 11.4709,
-29.2564

■ 49.3398, 6.8609,
-18.8346

■ 55.5865, 2.6243,
-9.5129

■ 62.0528, -1.3273,
-1.0322

■ 68.7085, -5.0626,
6.8053

Harmonies

Analogous

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



20.5504, 4.2974, -151.0035



20.5503, 41.7509, -105.1099



20.5504, 77.3804, -35.3053

Triad

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



20.5504, 41.7534, -105.1098



20.5504, 27.5342, 14.3853



20.5504, -33.1412, -4.3944

Complementary

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



20.5503, 41.7509, -105.1099



62.4593, -20.6893, 37.2522

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.



20.5504, -31.4389, 13.6699



20.5503, 41.7509, -105.1099



20.5504, -5.9878, 14.3853

Square

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



20.5504, 41.7534, -105.1098



20.5504, 66.4739, 14.3853



20.5504, -24.3237, 14.3853



20.5504, -29.6252, -58.6492

Rectangle

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



20.5503, 41.7509, -105.1099



20.5504, 88.4226, -3.6628



20.5504, -24.3237, 14.3853



20.5504, -33.1603, 4.9709

Sweetspot

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



20.5504, 41.7534, -105.1098



65.9061, 9.6309, -26.2374



55.3076, -26.2330, -10.4108



29.4005, 5.4335, -14.3457



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.



20.5504, 41.7534, -105.1098



24.1169, 64.8734, -167.1458



26.7974, 50.9223, -73.4743



28.7426, 0.0196, -1.8981



15.4251, 41.3257, -105.6103



2.9233, 7.4816, -17.2995

Inverse Universe

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



35.5034, 63.3170, -35.6549



46.3201, 89.5036, -48.9755



57.7202, -39.2862, 33.9347



29.3851, 2.1550, -0.7211



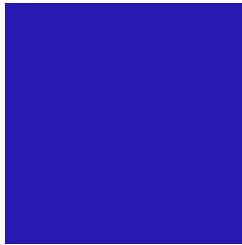
29.4791, 56.9896, -31.3826



5.2617, 10.2227, -5.9943

Previews

White Background



This preview shows how the HunterLab color 20.5503, 41.7509, -105.1099 looks on a white background.

Color Contrast Check

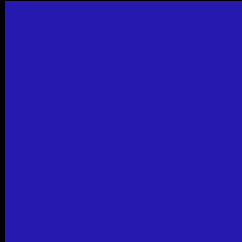
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5503, 41.7509, -105.1099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

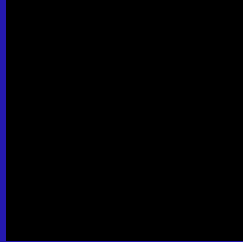
Any Text WCAG AA × Fail

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 20.5503, 41.7509, -105.1099 Background



This preview shows how black text looks on a background with the HunterLab color 20.5503, 41.7509, -105.1099.



This preview shows how white text looks on a background with the HunterLab color 20.5503, 41.7509, -105.1099.

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

20.5503, 41.7509, -105.1099

Protanopia

20.6353, 5.3478, -37.3368

Deuteranopia

20.4238, -1.0898, -23.1754



Tritanopia

20.4889, -10.2972, -3.3806

Trichromacy



Original Color

20.5503, 41.7509, -105.1099

Protanomaly

19.6362, 18.7062, -62.4877

Deuteranomaly

19.1758, 13.7187, -51.0872

Tritanomaly

18.5157, 5.7779, -33.0312

Monochromacy



Original Color

20.5503, 41.7509, -105.1099

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.4016, 11.1853, -27.1331

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5503, 41.7509, -105.1099 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(37, 25, 176)` looks like.

```
.text, #text, p{  
    color:rgb(37, 25, 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(37, 25, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 25, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5503, 41.7509, -105.1099 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(37, 25, 176) }
```


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

```
.border{ border-color:rgb(37, 25, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 25, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 25, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 25, 176);  
box-shadow:4px 4px 4px 4px rgb(37, 25,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5503, 41.7509, -105.1099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 25, 176) }
```

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

```
.background{ background-color: rgb(37, 25,  
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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