

Converting Colors

HunterLab(20.5840, 51.4671,
-112.4331)

Have a look what the booklet for
HunterLab(20.5840, 51.4671,
-112.4331) contains.

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Color

**HunterLab(20.5809, 51.4551,
-112.3557)**

Conversions

Conversions Part 1

Format	Color
Hex	3A00B5
RGB	58, 0, 181
RGB Percent	23%, 0%, 71%
CMY	0.7725, 1.0000, 0.2902
CMYK	0.68, 1.00, 0.00, 0.29
HSL	259°, 100%, 35%
HSV	259°, 100%, 71%
XYZ	10.0854, 4.2357, 44.0021
YIQ	37.9760, -23.5330, 68.5870

Conversions

Conversions Part 2

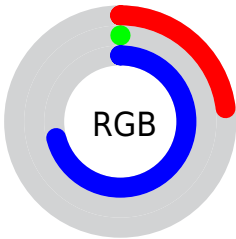
Format	Color
RYB	58, 0, 181
Decimal	3801269
CIELab	24.44, 62.42, -78.15
CIELCh	24, 100.017, 308.616
Yxy	4.2360, 0.1729, 0.0726
Android (android.graphics.Color)	4281991349 (0xFF3A00B5)
YUV	37.9760, 70.5108, 17.5610
Hunter-Lab	20.5809, 51.4551, -112.3557

Details

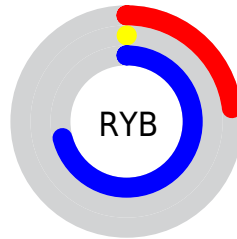
The HunterLab color **20.5809, 51.4551, -112.3557** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **61.0396, -34.6137, 37.0063**, and the grayscale version is **13.7015, -0.7311, 0.7444**.

A 20% lighter version of the original color is **37.5831, 55.7124, -103.4740**, and **12.2734, 33.2915, -87.2075** is the 20% darker color. If you saturate the color by 10%, you get **20.5815, 51.4557, -112.3523**, and if you desaturate by 10%, it is **22.5513, 48.4459, -100.1911**.

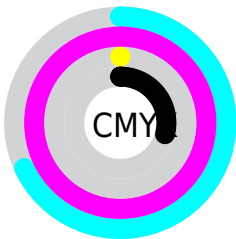
Distribution



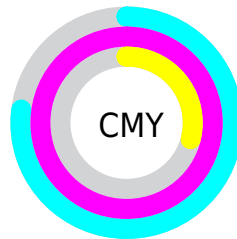
- Red (23%)
- Green (0%)
- Blue (71%)



- Red (23%)
- Yellow (0%)
- Blue (71%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (77%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5809, 51.4551, -112.3557 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 20.5809, 51.4551, -112.3557 by changing the saturation by 10% instead.

■ 20.5809, 51.4551,
-112.3557

■ 20.5809, 51.4551,
-112.3557

■ 119.2374, 68.7679,
-104.8691

■ 13.4403, 49.7721,
-124.4107

■ 37.6066, 55.7233,
-103.7809

■ 7.0083, 53.7656,
-162.9292

■ 47.3164, 57.8638,
-102.4778

0.0000, INF, -NF

0.0000, NaN, -NF

■ 57.7423, 59.9253,
-102.0507

0.0000, NaN, -NF

■ 68.8383, 61.8912,
-102.1533

0.0000, NaN, -NF

■ 80.5660, 63.7566,
-102.5871

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.8930, 65.5222,

-103.2312

0.0000, NaN, NaN

105.7916, 67.1913,
-104.0088

20.5809, 51.4551,
-112.3557

20.5809, 51.4551,
-112.3557

20.5815, 51.4557,
-112.3523

22.5513, 48.4459,
-100.1911

25.3599, 43.6746,
-85.8149

29.0351, 37.6123,
-70.7191

33.4086, 31.1460,
-56.4514

38.3287, 24.7444,
-43.5727

■ 43.6784, 18.5846,
-32.1015

■ 49.3722, 12.6992,
-21.8526

■ 55.3480, 7.0635,
-12.6009

■ 61.5607, 1.6354,
-4.1417

Harmonies

Analogous

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



20.5815, 8.7026, -173.5233



20.5809, 51.4551, -112.3557



20.5815, 90.1094, -32.5367

Triad

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



20.5815, 51.4557, -112.3523



20.5815, 25.7240, 14.4070



20.5815, -34.6535, -9.4194

Complementary

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



20.5809, 51.4551, -112.3557



61.0396, -34.6137, 37.0063

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.



20.5815, -33.4348, 13.2662



20.5809, 51.4551, -112.3557



20.5815, -9.3528, 14.4070

Square

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



20.5815, 51.4557, -112.3523



20.5815, 70.0746, 14.4070



20.5815, -26.7834, 14.4070



20.5815, -30.2624, -76.0549

Rectangle

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



20.5809, 51.4551, -112.3557



20.5815, 100.0610, -0.3091



20.5815, -26.7834, 14.4070



20.5815, -34.8863, 2.4541

Sweetspot

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



20.5815, 51.4557, -112.3523



65.6820, 17.3814, -29.8979



42.0384, -7.7161, -35.8875



29.0478, 9.5819, -16.4735



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



20.5815, 51.4557, -112.3523



27.3466, 68.6806, -151.6965



31.0081, 63.8612, -63.3638



28.9101, 0.5914, -1.6713



17.1864, 42.8139, -92.6277



3.5370, 8.1030, -13.5740

Inverse Universe

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



33.5465, 61.7117, -11.3634



44.8462, 82.4142, -14.5384



57.7704, -48.0862, 34.7560



29.3248, 1.8322, 0.1346



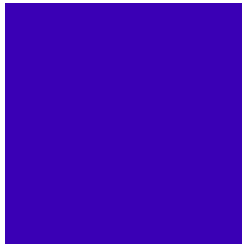
27.8767, 51.3225, -9.7599



5.0457, 9.4634, -3.1159

Previews

White Background



This preview shows how the HunterLab color 20.5809, 51.4551, -112.3557 looks on a white background.

Color Contrast Check

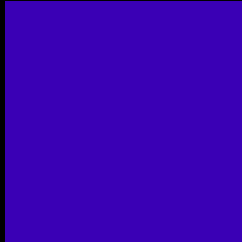
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5809, 51.4551, -112.3557 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 20.5809, 51.4551, -112.3557 Background



This preview shows how black text looks on a background with the HunterLab color 20.5809, 51.4551, -112.3557.



This preview shows how white text looks on a background with the HunterLab color 20.5809, 51.4551, -112.3557.

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

20.5809, 51.4551, -112.3557

Protanopia

21.3494, 5.6060, -38.7866

Deuteranopia

21.3413, -1.5807, -23.2624



Tritanopia

21.1712, -10.2646, -4.3037

Trichromacy



Original Color

20.5809, 51.4551, -112.3557

Protanomaly

18.8660, 24.0977, -70.8745

Deuteranomaly

18.2838, 19.0911, -59.1884

Tritanomaly

17.4844, 11.2369, -41.0113

Monochromacy



Original Color

20.5809, 51.4551, -112.3557

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

13.9619, 17.1721, -32.1725

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5809, 51.4551, -112.3557 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(58, 0, 181)` looks like.

```
.text, #text, p{  
    color:rgb(58, 0, 181)  
}
```

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(58, 0, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 0, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5809, 51.4551, -112.3557 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(58, 0, 181) }
```


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

```
.border{ border-color:rgb(58, 0, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 0, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 0, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 0, 181);  
box-shadow:4px 4px 4px 4px rgb(58, 0, 181)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5809, 51.4551, -112.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 0, 181) }
```

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

```
.background{ background-color: rgb(58, 0,  
181) }
```

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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