

Converting Colors

HunterLab(41.0776, 20.2949,
-55.9778)

Have a look what the booklet for
HunterLab(41.0776, 20.2949,
-55.9778) contains.

HunterLab(41.1046, 20.2308, -55.8139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(41.1046, 20.2308,
-55.8139)**

Conversions

Conversions Part 1

Format	Color
Hex	6767CB
RGB	103, 103, 203
RGB Percent	40%, 40%, 80%
CMY	0.5961, 0.5961, 0.2039
CMYK	0.49, 0.49, 0.00, 0.20
HSL	240°, 49%, 60%
HSV	240°, 49%, 80%
XYZ	21.2233, 16.8959, 58.6426
YIQ	114.4000, -32.1000, 31.1000

Conversions

Conversions Part 2

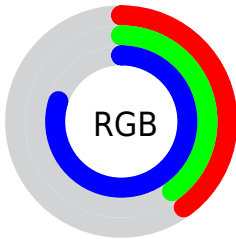
Format	Color
RYB	103, 103, 203
Decimal	6776779
CIELab	48.13, 26.92, -52.16
CIELCh	48, 58.694, 297.303
Yxy	16.8964, 0.2193, 0.1746
Android (android.graphics.Color)	4284966859 (0xFF6767CB)
YUV	114.4000, 43.6798, -9.9978
Hunter-Lab	41.1046, 20.2308, -55.8139

Details

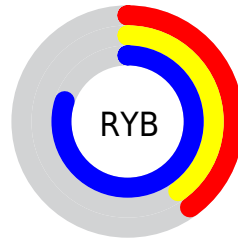
The HunterLab color $41.1046, 20.2308, -55.8139$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $75.0917, -16.2826, 35.8541$, and the grayscale version is $41.0215, -2.1888, 2.2288$.

A 20% lighter version of the original color is $61.4856, 20.4359, -52.9845$, and $23.4095, 18.1716, -56.2165$ is the 20% darker color. If you saturate the color by 10%, you get $35.0405, 27.2726, -73.5317$, and if you desaturate by 10%, it is $47.7348, 14.1075, -40.5165$.

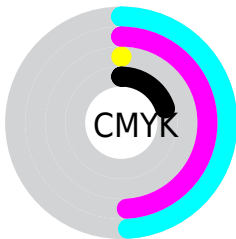
Distribution



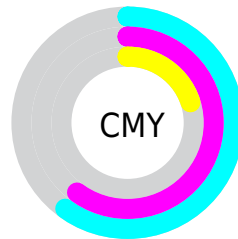
- Red (40%)
- Green (40%)
- Blue (80%)



- Red (40%)
- Yellow (40%)
- Blue (80%)



- Cyan (49%)
- Magenta (49%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.1046, 20.2308, -55.8139 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 41.1046, 20.2308, -55.8139 by changing the saturation by 10% instead.

■ 41.1046, 20.2308,
-55.8139

■ 41.1046, 20.2308,
-55.8139

■ 153.1584, 24.7083,
-62.0526

■ 31.8758, 19.2623,
-55.6365

■ 61.7638, 21.8166,
-56.9673

■ 23.4641, 18.1561,
-56.1056

■ 73.0971, 22.4582,
-57.7029

■ 15.9589, 16.9000,
-57.9804

■ 85.0496, 23.0124,
-58.4681

■ 9.4870, 15.5077,
-63.4624

■ 97.5908, 23.4870,
-59.2345

0.0000, INF, -NF

0.0000, NaN, -NF

■ 110.6941, 23.8887,
-59.9849

0.0000, NaN, -NF

■ 124.3364, 24.2230,

0.0000, NaN, NaN

-60.7087

0.0000, NaN, NaN

138.4973, 24.4949,
-61.3993

■ 41.1046, 20.2308,
-55.8139

■ 41.1046, 20.2308,
-55.8139

■ 35.0405, 27.2726,
-73.5317

■ 47.7348, 14.1075,
-40.5165

■ 29.7291, 35.2530,
-93.7449

■ 54.8010, 8.7372,
-27.2075

■ 25.4351, 43.7056,
-115.2659

■ 62.2171, 3.9492,
-15.4351

■ 22.4643, 51.1863,
-134.3825

■ 69.9228, -0.3974,
-4.8295

■ 20.8666, 55.9965,
-146.7010

■ 77.8748, -4.4107,
4.8923

■ 20.7650, 56.3250,
-147.5428

■ 86.0411, -8.1709,
13.9413

■ 94.3975, -11.7381,
22.4746

■ 98.5352, -13.4208,
26.4849

Harmonies

Analogous

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



41.1053, -4.2648, -66.3156



41.1046, 20.2308, -55.8139



41.1053, 42.2679, -27.7629

Triad

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



41.1053, 20.2312, -55.8126



41.1053, 24.6602, 24.2795



41.1053, -37.8241, 4.1766

Complementary

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



41.1046, 20.2308, -55.8139



75.0917, -16.2826, 35.8541

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.



41.1053, -33.2981, 19.1454



41.1046, 20.2308, -55.8139



41.1053, -0.0843, 26.0231

Square

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



41.1053, 20.2312, -55.8126



41.1053, 45.1964, 17.2850



41.1053, -20.6527, 24.8610



41.1053, -34.6909, -22.2503

Rectangle

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



41.1046, 20.2308, -55.8139



41.1053, 50.7399, -8.1767



41.1053, -20.6527, 24.8610



41.1053, -37.1762, 10.4842

Sweetspot

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



41.1053, 20.2312, -55.8126



84.5166, 2.7665, -14.2420



70.6453, -28.2984, -4.3827



38.1225, 1.8453, -7.9706

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.1053, 20.2312, -55.8126



44.9534, 35.8067, -96.4531



45.5906, 32.8475, -44.8103



32.9303, -0.1603, -2.3439



16.5652, 44.9328, -117.7007



3.7626, 10.2057, -26.7328

Inverse Universe

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



51.6808, 48.6067, -32.1203



62.0414, 76.4114, -50.8406



71.0379, -31.4922, 32.5117



33.7695, 2.6822, -1.2145



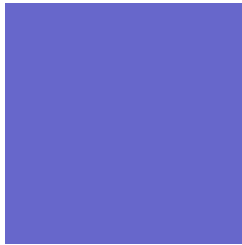
32.8995, 64.6811, -43.3889



7.4725, 14.6912, -9.8552

Previews

White Background



This preview shows how the HunterLab color 41.1046, 20.2308, -55.8139 looks on a white background.

Color Contrast Check

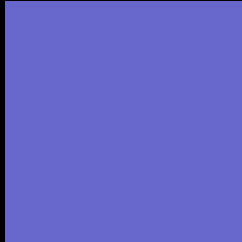
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 41.1046, 20.2308, -55.8139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 41.1046, 20.2308, -55.8139 Background



This preview shows how black text looks on a background with the HunterLab color 41.1046, 20.2308, -55.8139.



This preview shows how white text looks on a background with the HunterLab color 41.1046, 20.2308, -55.8139.

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

41.1046, 20.2308, -55.8139

Protanopia

41.3475, 11.5178, -62.6913

Deuteranopia

41.3667, 3.3195, -52.7714



Tritanopia

40.9805, -10.1297, -5.4802

Trichromacy



Original Color

41.1046, 20.2308, -55.8139

Protanomaly

41.0572, 14.2681, -60.6258

Deuteranomaly

40.7954, 8.5786, -55.0215

Tritanomaly

40.7343, -0.1950, -21.3321

Monochromacy



Original Color

41.1046, 20.2308, -55.8139

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

40.6721, 4.2870, -14.5054

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.1046, 20.2308, -55.8139 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(103, 103, 203)` looks like.

```
.text, #text, p{  
    color:rgb(103, 103, 203)  
}
```

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(103, 103, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 103, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 41.1046, 20.2308, -55.8139 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(103, 103, 203) }
```


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

```
.border{ border-color:rgb(103, 103, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 103, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 103, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 103, 203);  
box-shadow:4px 4px 4px 4px rgb(103, 103,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.1046, 20.2308, -55.8139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 103, 203) }
```

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

```
.background{ background-color: rgb(103,  
103, 203) }
```

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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