

Converting Colors

HunterLab(26.3235, 39.6410,
-55.9444)

Have a look what the booklet for
HunterLab(26.3235, 39.6410,
-55.9444) contains.

HunterLab(26.3235, 39.6410, -55.9444)	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(26.3235, 39.6410,
-55.9444)**

Conversions

Conversions Part 1

Format	Color
Hex	68289E
RGB	104, 40, 158
RGB Percent	41%, 16%, 62%
CMY	0.5921, 0.8431, 0.3804
CMYK	0.34, 0.75, 0.00, 0.38
HSL	273°, 60%, 39%
HSV	273°, 75%, 62%
XYZ	12.6393, 6.9293, 33.0191
YIQ	72.5880, 0.2660, 50.2660

Conversions

Conversions Part 2

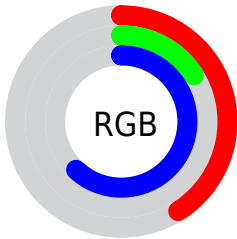
Format	Color
RYB	104, 40, 158
Decimal	6826142
CIELab	31.65, 49.84, -52.22
CIElCh	32, 72.189, 313.665
Yxy	6.9295, 0.2404, 0.1318
Android (android.graphics.Color)	4285016222 (0xFF68289E)
YUV	72.5880, 42.1081, 27.5483
Hunter-Lab	26.3235, 39.6410, -55.9444

Details

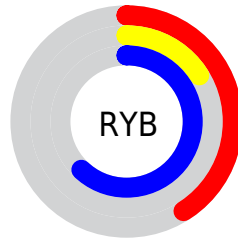
The HunterLab color **26.3235, 39.6410, -55.9444** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **51.9487, -31.7205, 29.1639**, and the grayscale version is **25.5209, -1.3617, 1.3866**.

A 20% lighter version of the original color is **44.5873, 43.1259, -56.3671**, and **12.9340, 30.0352, -52.7681** is the 20% darker color. If you saturate the color by 10%, you get **23.7889, 43.9687, -65.1936**, and if you desaturate by 10%, it is **29.4489, 34.2993, -46.3799**.

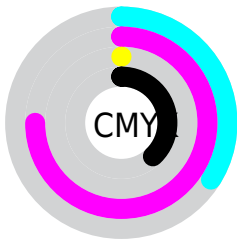
Distribution



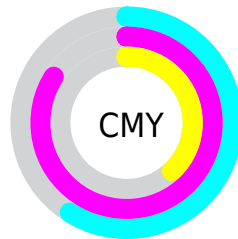
- Red (41%)
- Green (16%)
- Blue (62%)



- Red (41%)
- Yellow (16%)
- Blue (62%)



- Cyan (34%)
- Magenta (75%)
- Yellow (0%)
- Black (38%)



- Cyan (59%)
- Magenta (84%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.3235, 39.6410, -55.9444 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 26.3235, 39.6410, -55.9444 by changing the saturation by 10% instead.

26.3235, 39.6410,
-55.9444

26.3235, 39.6410,
-55.9444

129.2581, 53.1379,
-61.0588

18.4880, 37.7036,
-57.1943

44.5323, 43.3672,
-56.0629

11.6348, 35.9525,
-60.9766

54.7634, 45.0742,
-56.6280

4.2686, 55.9872,
-103.7241

65.6765, 46.6691,
-57.3203

0.0000, INF, -NF

0.0000, NaN, -NF

77.2314, 48.1557,
-58.0706

0.0000, NaN, -NF

89.3942, 49.5397,
-58.8391

0.0000, NaN, NaN

102.1358, 50.8274,

0.0000, NaN, NaN

-59.6022

0.0000, NaN, NaN

115.4312, 52.0249,
-60.3451

■ 26.3235, 39.6410,
-55.9444

■ 26.3235, 39.6410,
-55.9444

■ 23.7889, 43.9687,
-65.1936

■ 29.4489, 34.2993,
-46.3799

■ 21.9129, 46.6529,
-73.2046

■ 33.0697, 28.4778,
-37.1201

■ 21.0541, 47.7806,
-77.2845

■ 37.0979, 22.5121,
-28.4449

■ 41.4603, 16.5763,
-20.4211

■ 46.0993, 10.7450,
-13.0096

■ 50.9704, 5.0397,
-6.1319

■ 56.0395, -0.5435,
0.2975

■ 61.2800, -6.0191,
6.3576

■ 66.6712, -11.4047,
12.1161

Harmonies

Analogous

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



26.3239, 10.6697, -89.8531



26.3235, 39.6410, -55.9444



26.3239, 60.7481, -14.5385

Triad

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



26.3239, 39.6411, -55.9432



26.3239, 13.1926, 18.4268



26.3239, -33.3178, -11.5004

Complementary

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



26.3235, 39.6410, -55.9444



51.9487, -31.7205, 29.1639

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.



26.3239, -33.0699, 11.1756



26.3235, 39.6410, -55.9444



26.3239, -11.6338, 18.4268

Square

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



26.3239, 39.6411, -55.9432



26.3239, 42.0599, 17.6836



26.3239, -26.6697, 18.0581



26.3239, -27.5461, -52.0633

Rectangle

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



26.3235, 39.6410, -55.9444



26.3239, 64.0085, 4.1388



26.3239, -26.6697, 18.0581



26.3239, -33.8465, -1.5948

Sweetspot

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



26.3239, 39.6411, -55.9432



63.5762, 12.7327, -15.3847



33.3412, 1.3203, -36.9559



29.4125, 6.9775, -8.4506



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



26.3239, 39.6411, -55.9432



30.1772, 62.0741, -95.7332



33.3499, 52.4194, -32.9356



25.6974, 0.9524, -1.2377



18.9045, 42.8327, -68.8538



2.9816, 6.2917, -7.2639

Inverse Universe

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



30.9757, 43.0637, -0.4281



38.4178, 64.9816, 3.8831



50.0863, -39.3414, 27.3611



25.8730, 1.3116, 0.8091



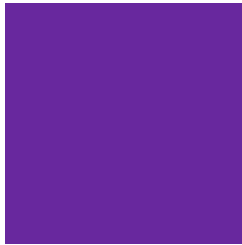
24.9148, 44.2154, 4.0997



3.4560, 6.3624, -1.2083

Previews

White Background



This preview shows how the HunterLab color 26.3235, 39.6410, -55.9444 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 26.3235, 39.6410, -55.9444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

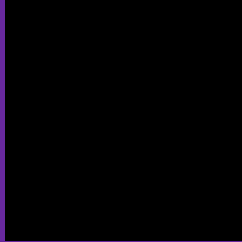
Any Text WCAG AA × Fail

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 26.3235, 39.6410, -55.9444 Background



This preview shows how black text looks on a background with the HunterLab color 26.3235, 39.6410, -55.9444.



This preview shows how white text looks on a background with the HunterLab color 26.3235, 39.6410, -55.9444.

-55.9444.

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

26.3235, 39.6410, -55.9444

Protanopia

26.5801, 8.0979, -50.7039

Deuteranopia

26.4598, 0.1591, -33.4159



Tritanopia

26.4137, 4.5895, 1.0085

Trichromacy



Original Color

26.3235, 39.6410, -55.9444

Protanomaly

24.7308, 17.2379, -58.8040

Deuteranomaly

24.5598, 11.6406, -46.4423

Tritanomaly

25.5895, 16.4745, -15.5369

Monochromacy



Original Color

26.3235, 39.6410, -55.9444

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

24.9435, 12.3358, -15.5445

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 26.3235, 39.6410, -55.9444 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(104, 40, 158)` looks like.

```
.text, #text, p{  
    color:rgb(104, 40, 158)  
}
```

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(104, 40, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 40, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 26.3235, 39.6410, -55.9444 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(104, 40, 158) }
```


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

```
.border{ border-color:rgb(104, 40, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 40, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 40, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 40, 158);  
box-shadow:4px 4px 4px 4px rgb(104, 40,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 26.3235, 39.6410, -55.9444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 40, 158) }
```

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

```
.background{ background-color: rgb(104, 40,  
158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor