

Converting Colors

HunterLab(33.3832, 36.0158,
-23.8899)

Have a look what the booklet for
HunterLab(33.3832, 36.0158,
-23.8899) contains.

| | |
|--|----|
| HunterLab(33.3779, 35.5491, -23.5726) | 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(33.3779, 35.5491,
-23.5726)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8D3F8D |
| RGB | 141, 63, 141 |
| RGB Percent | 55%, 25%, 55% |
| CMY | 0.4471, 0.7529, 0.4471 |
| CMYK | 0.00, 0.55, 0.00, 0.45 |
| HSL | 300°, 38%, 40% |
| HSV | 300°, 55%, 55% |
| XYZ | 17.5698, 11.1408, 26.4237 |
| YIQ | 95.2140, 21.4500, 40.7940 |

Conversions

Conversions Part 2

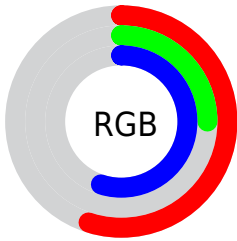
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 141, 63, 141 |
| Decimal | 9256845 |
| CIE _{Lab} | 39.82, 44.24, -28.51 |
| CIE _{LCh} | 40, 52.629, 327.195 |
| Yxy | 11.1413, 0.3187, 0.2021 |
| Android (android.graphics.Color) | 4287446925 (0xFF8D3F8D) |
| YUV | 95.2140, 22.5725, 40.1543 |
| Hunter-Lab | 33.3779, 35.5491, -23.5726 |

Details

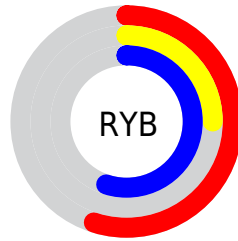
The HunterLab color $33.3779, 35.5491, -23.5726$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $45.2392, -29.9560, 21.1877$, and the grayscale version is $33.8218, -1.8046, 1.8376$.

A 20% lighter version of the original color is $52.9829, 38.6949, -24.4505$, and $17.0922, 31.9576, -22.4619$ is the 20% darker color. If you saturate the color by 10%, you get $31.2642, 41.7009, -27.7939$, and if you desaturate by 10%, it is $35.9280, 28.8084, -18.9424$.

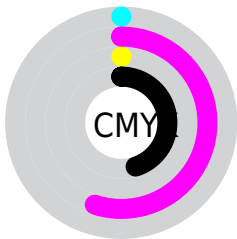
Distribution



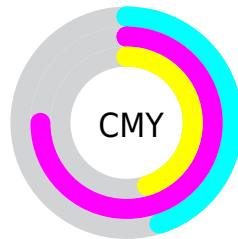
- Red (55%)
- Green (25%)
- Blue (55%)



- Red (55%)
- Yellow (25%)
- Blue (55%)



- Cyan (0%)
- Magenta (55%)
- Yellow (0%)
- Black (45%)



- Cyan (45%)
- Magenta (75%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.3779, 35.5491, -23.5726 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 33.3779, 35.5491, -23.5726 by changing the saturation by 10% instead.

33.3779, 35.5491,
-23.5726

33.3779, 35.5491,
-23.5726

140.9378, 46.5948,
-26.9291

24.8233, 33.7859,
-23.0187

52.8406, 38.7318,
-24.6692

17.1576, 31.9590,
-22.5832

63.6322, 40.1481,
-25.1558

10.4999, 30.2457,
-22.5801

75.0724, 41.4550,
-25.5884

0.0000, INF, -NF

0.0000, NaN, NaN

87.1263, 42.6599,
-25.9651

0.0000, NaN, NaN

99.7641, 43.7699,
-26.2860

0.0000, NaN, NaN

112.9600, 44.7919,

0.0000, NaN, NaN

-26.5524

126.6913, 45.7317,
-26.7661

■ 33.3779, 35.5491,
-23.5726

■ 33.3779, 35.5491,
-23.5726

■ 31.2642, 41.7009,
-27.7939

■ 35.9280, 28.8084,
-18.9424

■ 29.6251, 46.8970,
-31.3570

■ 38.8626, 21.7903,
-14.1169

■ 28.4805, 50.7839,
-34.0208

■ 42.1321, 14.7097,
-9.2428

■ 27.8015, 53.2028,
-35.6780

■ 45.6902, 7.6996,
-4.4114

■ 27.5425, 54.1495,
-36.3264

■ 49.4969, 0.8301,
0.3287

■ 53.5181, -5.8695,
4.9573

■ 57.7257, -12.3948,
9.4707

■ 62.0967, -18.7547,
13.8746

■ 66.6120, -24.9647,
18.1791

Harmonies

Analogous

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



33.3787, 16.9554, -47.4016



33.3779, 35.5491, -23.5726



33.3787, 44.0355, 0.0399

Triad

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



33.3787, 35.5478, -23.5714



33.3787, 0.0557, 21.3514



33.3787, -28.8232, -18.7135

Complementary

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



33.3779, 35.5491, -23.5726



45.2392, -29.9560, 21.1877

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.



33.3787, -31.3817, 3.5013



33.3779, 35.5491, -23.5726



33.3787, -17.1253, 20.4459

Square

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



33.3787, 35.5478, -23.5714



33.3787, 20.8319, 19.9653



33.3787, -27.6275, 15.8557



33.3787, -19.6251, -43.6471

Rectangle

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



33.3779, 35.5491, -23.5726



33.3787, 41.6543, 10.6690



33.3787, -27.6275, 15.8557



33.3787, -30.3824, -10.4142

Sweetspot

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



33.3787, 35.5478, -23.5714



60.1395, 12.2114, -7.2189



25.5645, 15.5592, -42.4189



28.0310, 6.5270, -3.9328



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



33.3787, 35.5478, -23.5714



41.3237, 57.3869, -38.2794



31.9023, 28.9985, -3.1972



23.4756, 1.6979, -0.7310



26.2999, 51.7063, -34.6874



2.5716, 5.0558, -3.3917

Inverse Universe

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



33.3787, 35.5478, -23.5714



41.3237, 57.3869, -38.2794



45.8980, -25.9776, 11.5885



23.4756, 1.6979, -0.7310



26.2999, 51.7063, -34.6874



2.5716, 5.0558, -3.3917

Previews

White Background



This preview shows how the HunterLab color 33.3779, 35.5491, -23.5726 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 33.3779, 35.5491, -23.5726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

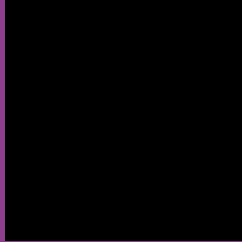
Any Text WCAG AA × Fail

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 33.3779, 35.5491, -23.5726 Background



This preview shows how black text looks on a background with the HunterLab color 33.3779, 35.5491, -23.5726.



This preview shows how white text looks on a background with the HunterLab color 33.3779, 35.5491, -23.5726.

-23.5726.

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

33.3779, 35.5491, -23.5726

Protanopia

33.7712, 7.8455, -43.2376

Deuteranopia

33.7679, 2.1642, -20.0519



Tritanopia

33.4024, 17.1952, 5.9954

Trichromacy



Original Color

33.3779, 35.5491, -23.5726

Protanomaly

32.3687, 16.3338, -39.0202

Deuteranomaly

32.8454, 13.4281, -22.9295

Tritanomaly

33.3217, 23.3731, -2.8380

Monochromacy



Original Color

33.3779, 35.5491, -23.5726

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

32.8650, 11.4636, -7.2026

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3779, 35.5491, -23.5726 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(141, 63, 141)` looks like.

```
.text, #text, p{  
    color:rgb(141, 63, 141)  
}
```

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(141, 63, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 63, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3779, 35.5491, -23.5726 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(141, 63, 141) }
```


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

```
.border{ border-color:rgb(141, 63, 141) }
```

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

Here you see how a box with a 4 pixel rgb(141, 63, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 63, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 63, 141);  
box-shadow:4px 4px 4px 4px rgb(141, 63,  
141) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.3779, 35.5491, -23.5726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 63, 141) }
```

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

```
.background{ background-color: rgb(141, 63,  
141) }
```

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