

Converting Colors

HunterLab(23.9910, 18.9892,
-40.6236)

Have a look what the booklet for
HunterLab(23.9910, 18.9892,
-40.6236) contains.

HunterLab(23.9910, 18.9892, -40.6236)	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(23.9910, 18.9892,
-40.6236)**

Conversions

Conversions Part 1

Format	Color
Hex	463786
RGB	70, 55, 134
RGB Percent	27%, 22%, 53%
CMY	0.7255, 0.7843, 0.4745
CMYK	0.48, 0.59, 0.00, 0.47
HSL	251°, 42%, 37%
HSV	251°, 59%, 53%
XYZ	8.1950, 5.7557, 23.2332
YIQ	68.4910, -16.4190, 27.7490

Conversions

Conversions Part 2

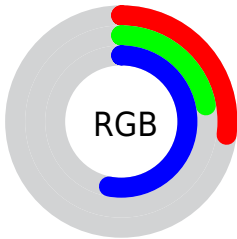
Format	Color
R_{YB}	70, 55, 134
Decimal	4601734
CIE _{Lab}	28.79, 27.84, -42.29
CIE _{LCh}	29, 50.633, 303.356
Yxy	5.7559, 0.2204, 0.1548
Android (android.graphics.Color)	4282791814 (0xFF463786)
YUV	68.4910, 32.2959, 1.3234
Hunter-Lab	23.9910, 18.9892, -40.6236

Details

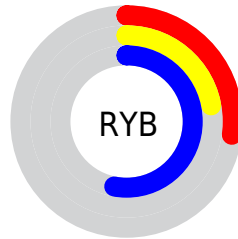
The HunterLab color $[23.9910, 18.9892, -40.6236]$ is a dark color, and the websafe version is hex 333399 . A complement of this color would be $[46.0954, -15.5247, 23.4829]$, and the grayscale version is $[24.1100, -1.2865, 1.3099]$.

A 20% lighter version of the original color is $[41.6468, 21.3977, -41.6953]$, and $[9.7909, 16.2437, -43.2392]$ is the 20% darker color. If you saturate the color by 10%, you get $[20.6961, 23.5461, -51.4483]$, and if you desaturate by 10%, it is $[27.6535, 14.7074, -31.0597]$.

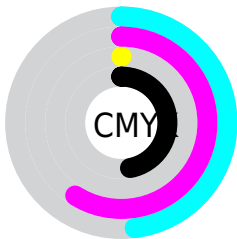
Distribution



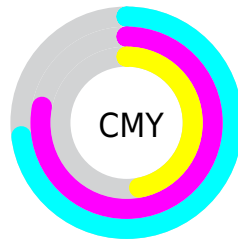
- Red (27%)
- Green (22%)
- Blue (53%)



- Red (27%)
- Yellow (22%)
- Blue (53%)



- Cyan (48%)
- Magenta (59%)
- Yellow (0%)
- Black (47%)



- Cyan (73%)
- Magenta (78%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.9910, 18.9892, -40.6236 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 23.9910, 18.9892, -40.6236 by changing the saturation by 10% instead.

■ 23.9910, 18.9892,
-40.6236

■ 23.9910, 18.9892,
-40.6236

■ 125.2535, 25.3458,
-45.8490

■ 16.4232, 17.7021,
-41.0639

■ 41.7402, 21.1315,
-41.3844

■ 9.8781, 16.2828,
-43.3071

■ 51.7679, 22.0119,
-42.0301

0.0000, INF, -NF

0.0000, NaN, -NF

■ 62.4906, 22.7836,
-42.7177

0.0000, NaN, -NF

■ 73.8657, 23.4577,
-43.4061

0.0000, NaN, NaN

■ 85.8579, 24.0437,
-44.0731

0.0000, NaN, NaN

■ 98.4368, 24.5495,

0.0000, NaN, NaN

-44.7066

0.0000, NaN, NaN

111.5764, 24.9816,
-45.2997

■ 23.9910, 18.9892,
-40.6236

■ 23.9910, 18.9892,
-40.6236

■ 20.6961, 23.5461,
-51.4483

■ 27.6535, 14.7074,
-31.0597

■ 17.8796, 28.1709,
-63.2813

■ 31.6012, 10.7314,
-22.6559

■ 15.6803, 32.3220,
-75.0539

■ 35.7771, 7.0277,
-15.2085

■ 14.0677, 35.7709,
-85.7636

■ 40.1403, 3.5464,
-8.5180

■ 13.9055, 36.1913,
-86.9644

■ 44.6614, 0.2399,
-2.4175

■ 49.3186, -2.9314,
3.2242

■ 54.0955, -5.9992,
8.5082

■ 58.9790, -8.9884,
13.5120

■ 63.9590, -11.9181,
18.2948

Harmonies

Analogous

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



23.9914, 0.6223, -53.3592



23.9910, 18.9892, -40.6236



23.9914, 34.5792, -16.7676

Triad

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



23.9914, 18.9895, -40.6228



23.9914, 14.8363, 16.0375



23.9914, -25.6127, -0.5468

Complementary

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



23.9910, 18.9892, -40.6236



46.0954, -15.5247, 23.4829

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.



23.9914, -23.7209, 11.3448



23.9910, 18.9892, -40.6236



23.9914, -3.1275, 16.7940

Square

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



23.9914, 18.9895, -40.6228



23.9914, 31.7578, 12.7438



23.9914, -16.4735, 15.5254



23.9914, -22.5999, -22.2104

Rectangle

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



23.9910, 18.9892, -40.6236



23.9914, 39.5371, -2.4933



23.9914, -16.4735, 15.5254



23.9914, -25.5252, 4.5702

Sweetspot

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



23.9914, 18.9895, -40.6228



53.6109, 4.4565, -10.8352



39.8127, -13.4618, -9.2917



24.7414, 2.6555, -6.1621



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



23.9914, 18.9895, -40.6228



26.0403, 33.4842, -73.8463



27.7558, 28.4330, -30.5782



21.4103, 0.1405, -1.2067



13.4755, 35.0471, -84.0809



0.9334, 2.1972, -4.0375

Inverse Universe

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



30.2203, 32.9226, -15.0418



36.6583, 52.6219, -23.1717



43.6260, -25.1006, 21.5304



21.7901, 1.3599, -0.1738



24.0353, 45.4348, -17.5969



1.4485, 2.7932, -1.4866

Previews

White Background



This preview shows how the HunterLab color 23.9910, 18.9892, -40.6236 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 23.9910, 18.9892, -40.6236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

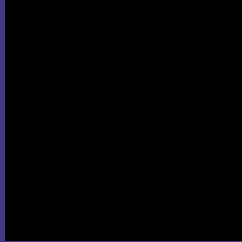
Any Text WCAG AA × Fail

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 23.9910, 18.9892, -40.6236 Background



This preview shows how black text looks on a background with the HunterLab color 23.9910, 18.9892, -40.6236.



This preview shows how white text looks on a background with the HunterLab color 23.9910, 18.9892, -40.6236.

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

23.9910, 18.9892, -40.6236

Protanopia

24.0011, 7.1461, -45.4255

Deuteranopia

24.0017, -0.0483, -29.8958



Tritanopia

24.1092, -4.5867, -2.0392

Trichromacy



Original Color

23.9910, 18.9892, -40.6236

Protanomaly

23.3625, 9.8397, -45.4944

Deuteranomaly

23.4385, 5.1116, -35.3988

Tritanomaly

23.6734, 3.1443, -13.6815

Monochromacy



Original Color

23.9910, 18.9892, -40.6236

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

23.6494, 5.1344, -10.7218

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.9910, 18.9892, -40.6236 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(70, 55, 134)` looks like.

```
.text, #text, p{  
    color:rgb(70, 55, 134)  
}
```

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(70, 55, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 55, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 23.9910, 18.9892, -40.6236 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(70, 55, 134) }
```


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

```
.border{ border-color:rgb(70, 55, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 55, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 55, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 55, 134);  
box-shadow:4px 4px 4px 4px rgb(70, 55,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.9910, 18.9892, -40.6236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 55, 134) }
```

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

```
.background{ background-color: rgb(70, 55,  
134) }
```

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