

Converting Colors

HunterLab(18.4323, 40.0210,
-53.6317)

Have a look what the booklet for
HunterLab(18.4323, 40.0210,
-53.6317) contains.

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Color

**HunterLab(18.4323, 40.0210,
-53.6317)**

Conversions

Conversions Part 1

Format	Color
Hex	530080
RGB	83, 0, 128
RGB Percent	33%, 0%, 50%
CMY	0.6745, 1.0000, 0.4980
CMYK	0.35, 1.00, 0.00, 0.50
HSL	279°, 100%, 25%
HSV	279°, 100%, 50%
XYZ	7.4635, 3.3975, 20.6844
YIQ	39.4090, 8.3800, 57.4040

Conversions

Conversions Part 2

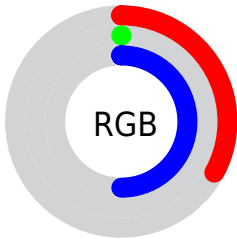
Format	Color
RYB	83, 0, 128
Decimal	5439616
CIELab	21.57, 52.17, -50.19
CIElCh	22, 72.397, 316.105
Yxy	3.3976, 0.2366, 0.1077
Android (android.graphics.Color)	4283629696 (0xFF530080)
YUV	39.4090, 43.6754, 38.2293
Hunter-Lab	18.4323, 40.0210, -53.6317

Details

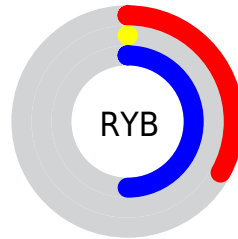
The HunterLab color **18.4323, 40.0210, -53.6317** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **39.9953, -30.7113, 24.1072**, and the grayscale version is **14.2376, -0.7597, 0.7736**.

A 20% lighter version of the original color is **34.9656, 44.2154, -52.7237**, and **9.1726, 21.7049, -40.5574** is the 20% darker color. If you saturate the color by 10%, you get **18.4326, 40.0213, -53.6308**, and if you desaturate by 10%, it is **19.7275, 38.0001, -48.5562**.

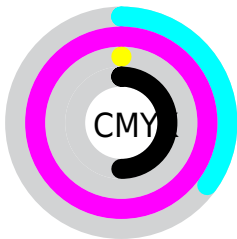
Distribution



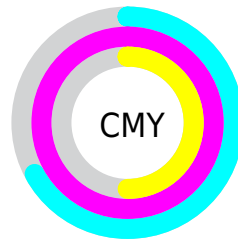
- Red (33%)
- Green (0%)
- Blue (50%)



- Red (33%)
- Yellow (0%)
- Blue (50%)



- Cyan (35%)
- Magenta (100%)
- Yellow (0%)
- Black (50%)



- Cyan (67%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4323, 40.0210, -53.6317 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 18.4323, 40.0210, -53.6317 by changing the saturation by 10% instead.

18.4323, 40.0210,
-53.6317

18.4323, 40.0210,
-53.6317

115.3292, 54.9837,
-57.2126

11.5873, 38.3011,
-56.8956

34.9635, 43.9623,
-52.5742

4.1699, 60.8124,
-97.9913

44.4580, 45.8515,
-52.9564

0.0000, INF, -NF

0.0000, NaN, -NF

54.6839, 47.6359,
-53.5551

0.0000, NaN, -NF

65.5920, 49.3105,
-54.2578

0.0000, NaN, NaN

77.1422, 50.8773,
-55.0034

0.0000, NaN, NaN

0.0000, NaN, NaN

89.3005, 52.3413,

-55.7568

0.0000, NaN, NaN

102.0379, 53.7081,
-56.4974

18.4323, 40.0210,
-53.6317

18.4323, 40.0210,
-53.6317

18.4326, 40.0213,
-53.6308

19.7275, 38.0001,
-48.5562

21.3427, 35.1676,
-42.9656

23.4191, 31.2657,
-36.7243

25.9046, 26.7147,
-30.3118

28.7385, 21.8468,
-24.0415

■ 31.8644, 16.8750,
-18.0692

■ 35.2345, 11.9170,
-12.4449

■ 38.8100, 7.0284,
-7.1613

■ 42.5602, 2.2293,
-2.1853

Harmonies

Analogous

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



18.4326, 12.1528, -93.2192



18.4323, 40.0210, -53.6317



18.4326, 59.9540, -11.3788

Triad

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



18.4326, 40.0212, -53.6307



18.4326, 10.2070, 12.9028



18.4326, -26.7201, -13.8506

Complementary

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



18.4323, 40.0210, -53.6317



39.9953, -30.7113, 24.1072

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.



18.4326, -26.8910, 8.2429



18.4323, 40.0210, -53.6317



18.4326, -11.2360, 12.9028

Square

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



18.4326, 40.0212, -53.6307



18.4326, 38.0392, 12.9028



18.4326, -22.5170, 12.9028



18.4326, -21.9817, -57.1192

Rectangle

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



18.4323, 40.0210, -53.6317



18.4326, 62.0034, 4.7624



18.4326, -22.5170, 12.9028



18.4326, -27.2947, -3.7645

Sweetspot

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



18.4326, 40.0212, -53.6307



46.4345, 16.2644, -17.0135



18.9374, 13.1418, -52.0393



21.6875, 8.9963, -9.4931



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



18.4326, 40.0212, -53.6307



24.2893, 52.8930, -71.8762



23.9488, 45.7990, -21.6254



20.8306, 0.8736, -0.8490



18.3568, 39.8549, -53.3953

0.0000, NaN, NaN

Inverse Universe

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



21.8601, 38.3027, 7.4076



28.9624, 50.6633, 10.4651



39.3434, -33.3678, 22.8558



20.8981, 0.8857, 0.9147

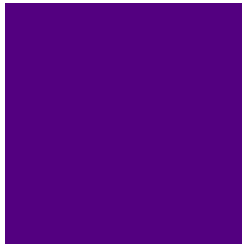


21.7684, 38.1430, 7.3681

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 18.4323, 40.0210, -53.6317 looks on a white background.

Color Contrast Check

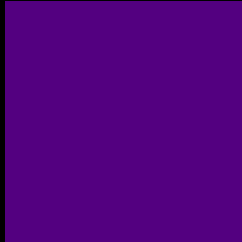
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4323, 40.0210, -53.6317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

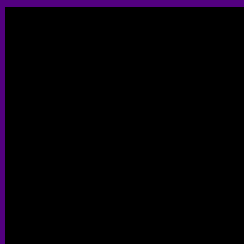
Any Text WCAG AA × Fail

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 18.4323, 40.0210, -53.6317 Background



This preview shows how black text looks on a background with the HunterLab color 18.4323, 40.0210, -53.6317.



This preview shows how white text looks on a background with the HunterLab color 18.4323, 40.0210, -53.6317.

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

18.4323, 40.0210, -53.6317

Protanopia

19.2771, 5.1349, -35.1794

Deuteranopia

19.4662, -0.8640, -22.4658



Tritanopia

19.5263, 4.7783, 1.5185

Trichromacy



Original Color

18.4323, 40.0210, -53.6317

Protanomaly

16.5169, 18.4032, -51.0252

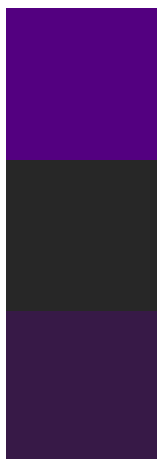
Deuteranomaly

16.1879, 14.3786, -41.7362

Tritanomaly

17.5583, 18.3321, -15.1462

Monochromacy



Original Color

18.4323, 40.0210, -53.6317

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.0086, 14.4823, -16.3447

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4323, 40.0210, -53.6317 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(83, 0, 128)` looks like.

```
.text, #text, p{  
    color:rgb(83, 0, 128)  
}
```

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(83, 0, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 0, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4323, 40.0210, -53.6317 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(83, 0, 128) }
```


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

```
.border{ border-color:rgb(83, 0, 128) }
```

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

Here you see how a box with a 4 pixel rgb(83, 0, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 0, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 0, 128);  
box-shadow:4px 4px 4px 4px rgb(83, 0, 128)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.4323, 40.0210, -53.6317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 0, 128) }
```

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

```
.background{ background-color: rgb(83, 0,  
128) }
```

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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