

Converting Colors

Hex(510C91)

Have a look what the booklet for
Hex(510C91) contains.

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Color

Hex(510C91)

Conversions

Conversions Part 1

Format	Color
Hex	510C91
RGB	81, 12, 145
RGB Percent	32%, 5%, 57%
CMY	0.6824, 0.9529, 0.4314
CMYK	0.44, 0.92, 0.00, 0.43
HSL	271°, 85%, 31%
HSV	271°, 92%, 57%
XYZ	8.6356, 4.0566, 27.1159
YIQ	47.7930, -1.5690, 55.9910

Conversions

Conversions Part 2

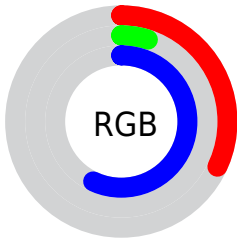
Format	Color
R_{YB}	81, 12, 145
Decimal	5311633
CIE _{Lab}	23.86, 52.98, -57.11
CIE _{LCh}	24, 77.899, 312.851
Yxy	4.0566, 0.2169, 0.1019
Android (android.graphics.Color)	4283501713 (0xFF510C91)
YUV	47.7930, 47.9231, 29.1225
Hunter-Lab	20.1410, 41.2867, -65.7236

Details

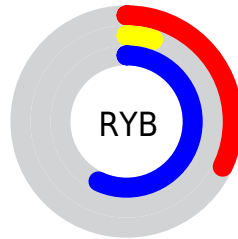
The Hex color **510C91** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4C910C**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **8945C8**, and **15005D** is the 20% darker color. If you saturate the color by 10%, you get **4B0091**, and if you desaturate by 10%, it is **581B91**.

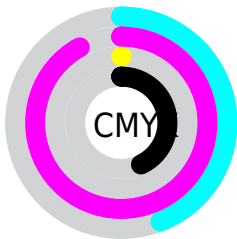
Distribution



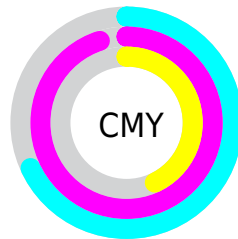
- Red (32%)
- Green (5%)
- Blue (57%)



- Red (32%)
- Yellow (5%)
- Blue (57%)



- Cyan (44%)
- Magenta (92%)
- Yellow (0%)
- Black (43%)




- Cyan (68%)
- Magenta (95%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 510C91 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 Hex color 510C91 by changing the saturation by 10% instead.

 510C91

 510C91

FFFFFF

 340077

 8945C8

 15005D

 A55FE4

 000045

 C279FF

 00032D

 E094FF

 000118

 FDB0FF

 000000

 FFCCFF

 FFE9FF

 510C91

 510C91

■ 4B0091

■ 581B91

■ 5F2991

■ 663891

■ 6D4691

■ 745591

■ 7B6391

■ 827291

■ 898091

■ 908F91

Harmonies

Analogous

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



003BAF



510C91



8A005D

Triad

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



510C91



612800



004D52

Complementary

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



510C91



4C910C

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.



004B12



510C91



2F3F00

Square

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



510C91



850000



004700



004D89

Rectangle

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



510C91



950036



004700



004C3D

Sweetspot

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



510C91



A388BD



0C4C91



4F3E5E



DEDEDE



5E5E5E

Same Dimension

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



510C91



6200BD



910C8F



444047



460087



040008

Inverse Universe

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



910C4C



BD005B



0C910E



474044



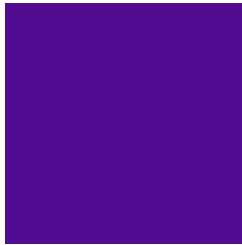
870041



080004

Previews

White Background



This preview shows how the Hex color 510C91 looks on a white background.

Color Contrast Check

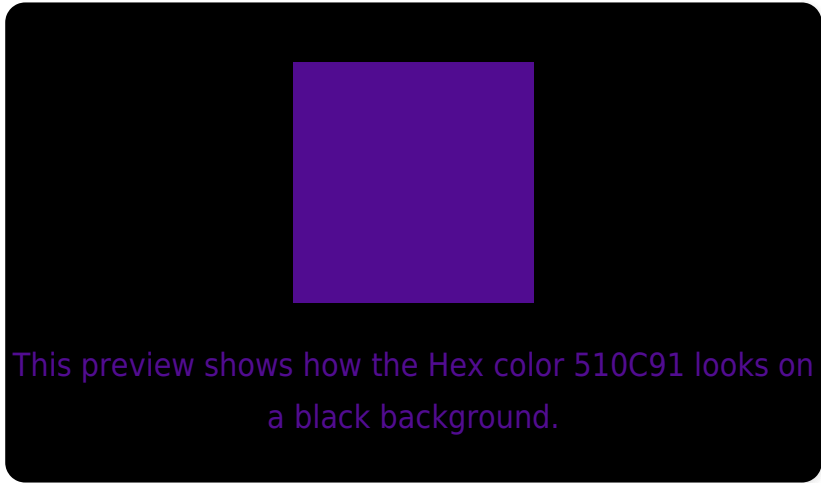
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

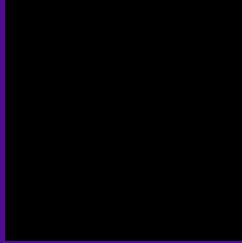
Any Text WCAG AA × Fail

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](#).

Hex 510C91 Background



This preview shows how black text looks on a background with the Hex color 510C91.



This preview shows how white text looks on a background with the Hex color 510C91.

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
510C91

Protanopia
003977

Deuteranopia
003C66



Tritanopia
3D393E

Trichromacy



Original Color
510C91

Protanomaly
1D2980

Deuteranomaly
1D2B76

Tritanomaly
44295C

Monochromacy



Original Color
510C91

Achromatopsia
303030

Achromatomaly
3C2353

CSS Examples

Text

The CSS property to change the color of the text to Hex 510C91 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 #510C91 looks like.

```
.text, #text, p{  
    color:#510C91  
}
```

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 #510C91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #510C91
}
```

Border

The CSS property to change the border of an element to Hex 510C91 is called "border". The border property can be set on classes, ids or directly on the HTML element.

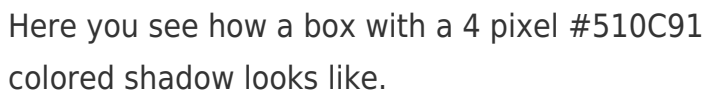
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#510C91 }
```

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

```
.border{ border-color:#510C91 }
```

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



Here you see how a box with a 4 pixel #510C91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #510C91; -webkit-box-shadow:4px 4px  
4px 4px #510C91; box-shadow:4px 4px 4px  
4px #510C91 }
```

Background

The CSS property to change the background color of an element to Hex 510C91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#510C91 }
```

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

```
.background{ background-color:#510C91 }
```

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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