

Converting Colors

Hex(512994)

Have a look what the booklet for
Hex(512994) contains.

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Color

Hex(512994)

Conversions

Conversions Part 1

Format	Color
Hex	512994
RGB	81, 41, 148
RGB Percent	32%, 16%, 58%
CMY	0.6824, 0.8392, 0.4196
CMYK	0.45, 0.72, 0.00, 0.42
HSL	262°, 57%, 37%
HSV	262°, 72%, 58%
XYZ	9.5316, 5.4733, 28.5711
YIQ	65.1580, -10.5070, 41.7570

Conversions

Conversions Part 2

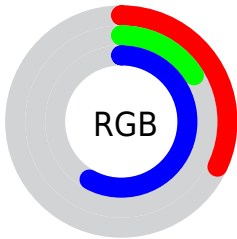
Format	Color
R_{YB}	81, 41, 148
Decimal	5319060
CIE _{Lab}	28.04, 42.46, -52.11
CIE _{LCh}	28, 67.214, 309.175
Yxy	5.4733, 0.2187, 0.1256
Android (android.graphics.Color)	4283509140 (0xFF512994)
YUV	65.1580, 40.8411, 13.8934
Hunter-Lab	23.3951, 31.7824, -56.0307

Details

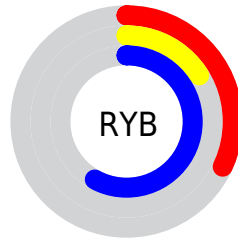
The Hex color **512994** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6C9429**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **885ACB**, and **150060** is the 20% darker color. If you saturate the color by 10%, you get **481A94**, and if you desaturate by 10%, it is **5A3894**.

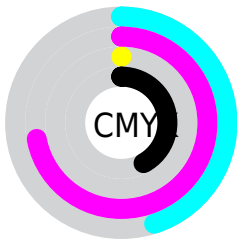
Distribution



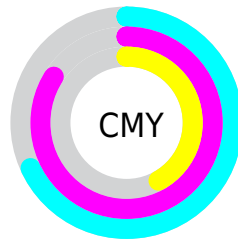
- Red (32%)
- Green (16%)
- Blue (58%)



- Red (32%)
- Yellow (16%)
- Blue (58%)



- Cyan (45%)
- Magenta (72%)
- Yellow (0%)
- Black (42%)



- Cyan (68%)
- Magenta (84%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 512994 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 512994 by changing the saturation by 10% instead.

■ 512994

■ 512994

FFFFFF

■ 35107A

■ 885ACB

■ 150060

■ A473E7

■ 000048

■ C08DFF

■ 000430

■ DDA8FF

■ 00011A

■ FBC4FF

■ 000000

■ FFE0FF

■ FFFDFF

■ 512994

■ 512994

■ 481A94

■ 5A3894

■ 3E0B94

■ 644794

■ 370094

■ 6D5594

■ 766494

■ 7F7394

■ 898294

■ 929194

■ 9B9F94

■ A4AE94

Harmonies

Analogous

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



0045AB



512994



880068

Triad

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



512994



6E3100



005651

Complementary

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



512994



6C9429

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.



005419



512994



444500

Square

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



512994



8C0000



004F00



005683

Rectangle

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



512994



960046



004F00



00553F

Sweetspot

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



512994



A595BF



296D94



514861



E0E0E0



616161

Same Dimension

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



512994



5719BF



862994



45434A



33008A



04000A

Inverse Universe

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



94296C



BF1981



379429



4A4347



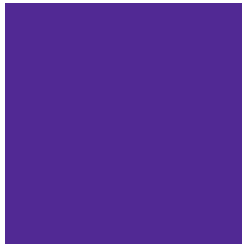
8A0056



0A0006

Previews

White Background



This preview shows how the Hex color 512994 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

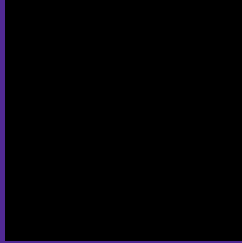
Any Text WCAG AA × Fail

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 512994 Background



This preview shows how black text looks on a background with the Hex color 512994.

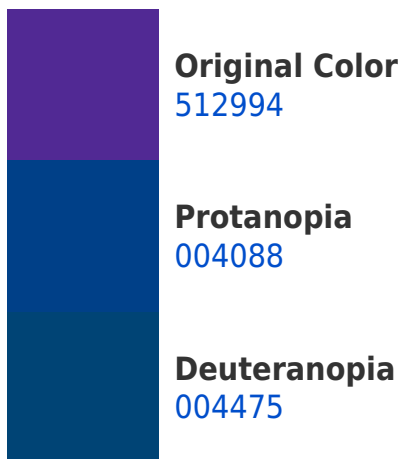


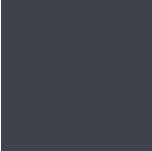
This preview shows how white text looks on a background with the Hex color 512994.

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





Tritanopia
3E4349

Trichromacy



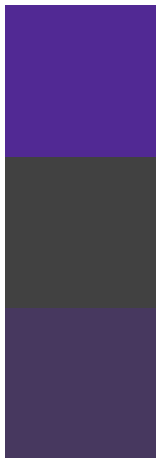
Original Color
512994

Protanomaly
1D388C

Deuteranomaly
1D3A80

Tritanomaly
453A64

Monochromacy



Original Color
512994

Achromatopsia
414141

Achromatomaly
47385F

CSS Examples

Text

The CSS property to change the color of the text to Hex 512994 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 #512994 looks like.

```
.text, #text, p{  
    color:#512994  
}
```

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 #512994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512994
}
```

Border

The CSS property to change the border of an element to Hex 512994 is called "border". The border property can be set on classes, ids or directly on the HTML element.

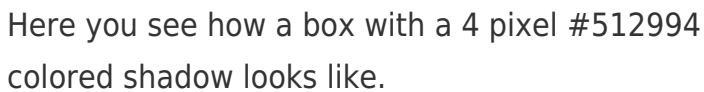
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#512994 }
```

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

```
.border{ border-color:#512994 }
```

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



Here you see how a box with a 4 pixel #512994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #512994; -webkit-box-shadow:4px 4px  
4px 4px #512994; box-shadow:4px 4px 4px  
4px #512994 }
```

Background

The CSS property to change the background color of an element to Hex 512994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512994 }
```

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

```
.background{ background-color:#512994 }
```

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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