

Converting Colors

Hex(502494)

Have a look what the booklet for
Hex(502494) contains.

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Color

Hex(502494)

Conversions

Conversions Part 1

Format	Color
Hex	502494
RGB	80, 36, 148
RGB Percent	31%, 14%, 58%
CMY	0.6863, 0.8588, 0.4196
CMYK	0.46, 0.76, 0.00, 0.42
HSL	264°, 61%, 36%
HSV	264°, 76%, 58%
XYZ	9.2844, 5.1053, 28.5131
YIQ	61.9240, -9.7280, 44.1600

Conversions

Conversions Part 2

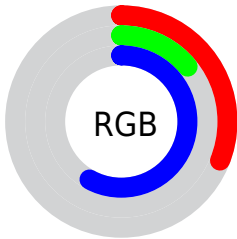
Format	Color
R_{YB}	80, 36, 148
Decimal	5252244
CIE _{Lab}	27.03, 44.79, -53.76
CIE _{LCh}	27, 69.972, 309.797
Yxy	5.1053, 0.2164, 0.1190
Android (android.graphics.Color)	4283442324 (0xFF502494)
YUV	61.9240, 42.4355, 15.8527
Hunter-Lab	22.5950, 33.8056, -59.0026

Details

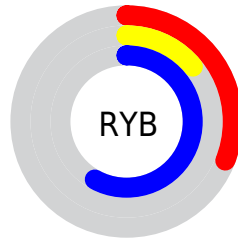
The Hex color **502494** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **689424**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **8755CB**, and **130060** is the 20% darker color. If you saturate the color by 10%, you get **471594**, and if you desaturate by 10%, it is **593394**.

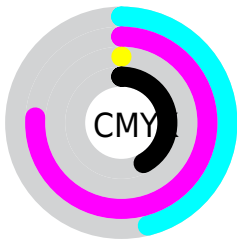
Distribution



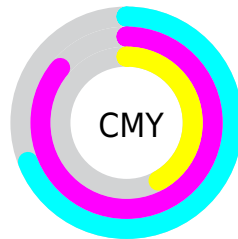
- Red (31%)
- Green (14%)
- Blue (58%)



- Red (31%)
- Yellow (14%)
- Blue (58%)



- Cyan (46%)
- Magenta (76%)
- Yellow (0%)
- Black (42%)



- Cyan (69%)
- Magenta (86%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 502494 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 502494 by changing the saturation by 10% instead.

502494

502494

FFFFFF

34097A

8755CB

130060

A36FE8

000048

C089FF

000430

DDA4FF

00011A

FBBFFF

000000

FFDCFF

FFF8FF

502494

502494

■ 471594

■ 593394

■ 3E0694

■ 624294

■ 3A0094

■ 6B5094

■ 745F94

■ 7D6E94

■ 867D94

■ 8F8C94

■ 989A94

■ A1A994

Harmonies

Analogous

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



0043AC



502494



880066

Triad

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



502494



6C2F00



005451

Complementary

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



502494



689424

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.



005217



502494



3F4400

Square

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



502494



8B0000



004E00



005485

Rectangle

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



502494



960043



004E00



00533E

Sweetspot

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



502494



A593BF



246994



504661



E0E0E0



616161

Same Dimension

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



502494



5611BF



872494



45434A



36008A



04000A

Inverse Universe

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



942468



BF117B



319424



4A4347



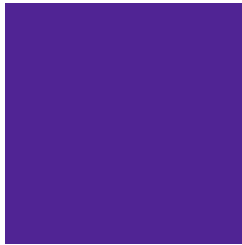
8A0054



0A0006

Previews

White Background



This preview shows how the Hex color 502494 looks on a white background.

Color Contrast Check

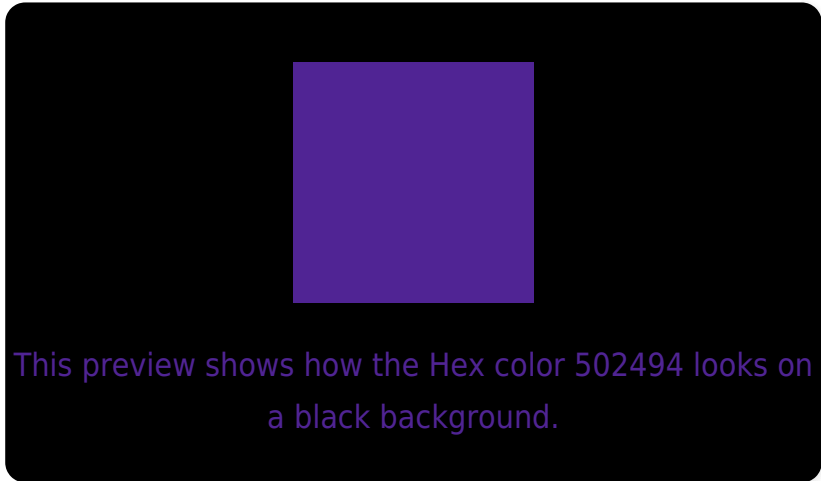
Large Text (above 18pt) WCAG AA ✓ Pass

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

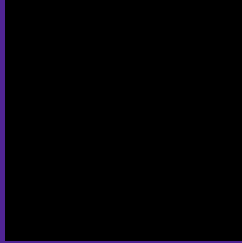
Any Text WCAG AA × Fail

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 502494 Background



This preview shows how black text looks on a background with the Hex color 502494.



This preview shows how white text looks on a background with the Hex color 502494.

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](#).

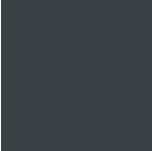
Dichromacy



Original Color
502494

Protanopia
003E83

Deuteranopia
004271



Tritanopia
3C4146

Trichromacy



Original Color

502494



Protanomaly

1D3589



Deuteranomaly

1D377E



Tritanomaly

433662

Monochromacy



Original Color

502494



Achromatopsia

3E3E3E



Achromatomaly

45355D

CSS Examples

Text

The CSS property to change the color of the text to Hex 502494 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 #502494 looks like.

```
.text, #text, p{  
    color:#502494  
}
```

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 #502494 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502494
}
```

Border

The CSS property to change the border of an element to Hex 502494 is called "border". The border property can be set on classes, ids or directly on the HTML element.

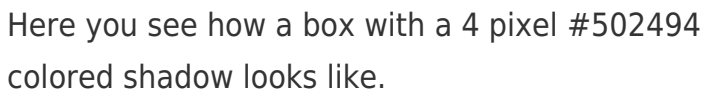
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#502494 }
```

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

```
.border{ border-color:#502494 }
```

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



Here you see how a box with a 4 pixel #502494 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502494; -webkit-box-shadow:4px 4px  
4px 4px #502494; box-shadow:4px 4px 4px  
4px #502494 }
```

Background

The CSS property to change the background color of an element to Hex 502494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502494 }
```

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

```
.background{ background-color:#502494 }
```

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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