

Converting Colors

Hex(502EB4)

Have a look what the booklet for
Hex(502EB4) contains.

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Color

Hex(502EB4)

Conversions

Conversions Part 1

Format	Color
Hex	502EB4
RGB	80, 46, 180
RGB Percent	31%, 18%, 71%
CMY	0.6863, 0.8196, 0.2941
CMYK	0.56, 0.74, 0.00, 0.29
HSL	255°, 59%, 44%
HSV	255°, 74%, 71%
XYZ	12.5235, 6.9548, 43.8624
YIQ	71.4420, -22.7500, 48.8820

Conversions

Conversions Part 2

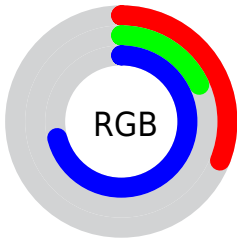
Format	Color
R_{YB}	80, 46, 180
Decimal	5254836
CIE _{Lab}	31.70, 48.81, -65.46
CIE _{LCh}	32, 81.655, 306.709
Yxy	6.9548, 0.1977, 0.1098
Android (android.graphics.Color)	4283444916 (0xFF502EB4)
YUV	71.4420, 53.5191, 7.5054
Hunter-Lab	26.3719, 38.6154, -80.1523

Details

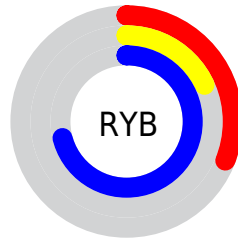
The Hex color **502EB4** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **92B42E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8B60ED**, and **00007E** is the 20% darker color. If you saturate the color by 10%, you get **431CB4**, and if you desaturate by 10%, it is **5D40B4**.

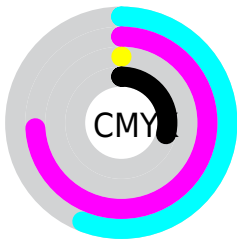
Distribution



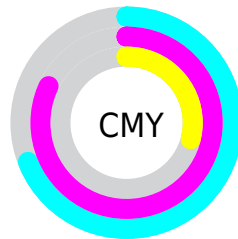
- Red (31%)
- Green (18%)
- Blue (71%)



- Red (31%)
- Yellow (18%)
- Blue (71%)



- Cyan (56%)
- Magenta (74%)
- Yellow (0%)
- Black (29%)



- Cyan (69%)
- Magenta (82%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 502EB4 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 502EB4 by changing the saturation by 10% instead.

■ 502EB4

■ 502EB4

FFFFFF

■ 301599

■ 8B60ED

■ 00007E

■ A879FF

■ 000064

■ C694FF

■ 00004B

■ E3AFFF

■ 000433

■ FFCBFF

■ 00021D

■ FFE7FF

■ 000000

■ 502EB4

■ 502EB4

■ 431CB4

■ 5D40B4

■ 350AB4

■ 6B52B4

■ 2E00B4

■ 7864B4

■ 8676B4

■ 9388B4

■ A19AB4

■ AEACB4

■ BBEB4

■ C9D0B4

Harmonies

Analogous

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



0051CE



502EB4



9D007F

Triad

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



502EB4



823100



006158

Complementary

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



502EB4



92B42E

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.



005F0F



502EB4



4F4D00

Square

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



502EB4



A60000



005A00



006297

Rectangle

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



502EB4



B00055



005A00



006142

Sweetspot

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



502EB4



C4B7EB



2E93B4



5F5775



F5F5F5



757575

Same Dimension

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



502EB4



4F1AEB



932EB4



535059



270099



06001A

Inverse Universe

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



B42E92



EB1AB6



50B42E



595057



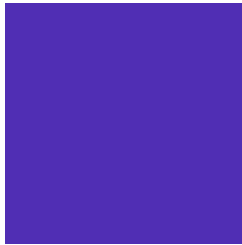
990072



1A0013

Previews

White Background



This preview shows how the Hex color 502EB4 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

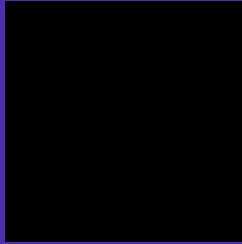
Any Text WCAG AA × Fail

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 502EB4 Background



This preview shows how black text looks on a background with the Hex color 502EB4.

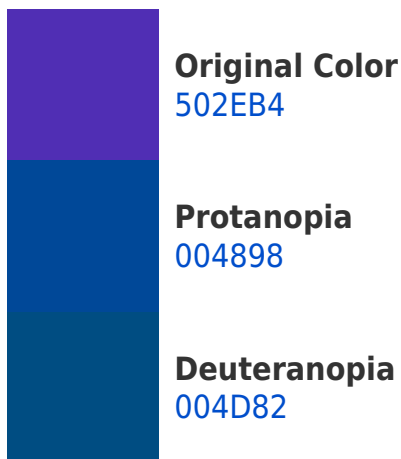


This preview shows how white text looks on a background with the Hex color 502EB4.

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
2E5056

Trichromacy



Original Color
502EB4



Protanomaly
1D3FA2



Deuteranomaly
1D4294



Tritanomaly
3A4478

Monochromacy



Original Color
502EB4



Achromatopsia
474747



Achromatomaly
4A3E6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 502EB4 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 #502EB4 looks like.

```
.text, #text, p{  
    color:#502EB4  
}
```

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 #502EB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502EB4
}
```

Border

The CSS property to change the border of an element to Hex 502EB4 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".

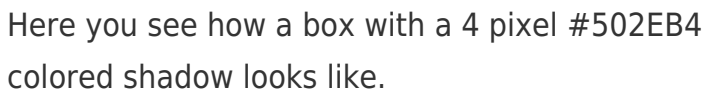
```
.border, #border, table{ border:4px solid
#502EB4 }
```

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

```
.border{ border-color:#502EB4 }
```

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

Here you see how a box with a 4 pixel #502EB4 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502EB4; -webkit-box-shadow:4px 4px  
4px 4px #502EB4; box-shadow:4px 4px 4px  
4px #502EB4 }
```

Background

The CSS property to change the background color of an element to Hex 502EB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502EB4 }
```

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

```
.background{ background-color:#502EB4 }
```

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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