

Converting Colors

Hex(552EBF)

Have a look what the booklet for
Hex(552EBF) contains.

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Color

Hex(552EBF)

Conversions

Conversions Part 1

Format	Color
Hex	552EBF
RGB	85, 46, 191
RGB Percent	33%, 18%, 75%
CMY	0.6667, 0.8196, 0.2510
CMYK	0.55, 0.76, 0.00, 0.25
HSL	256°, 61%, 46%
HSV	256°, 76%, 75%
XYZ	14.1273, 7.6469, 50.0216
YIQ	74.1910, -23.3010, 53.3630

Conversions

Conversions Part 2

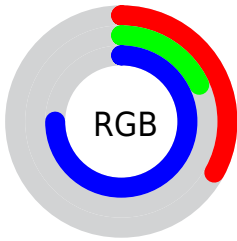
Format	Color
R_{YB}	85, 46, 191
Decimal	5582527
CIE _{Lab}	33.24, 52.63, -69.43
CIE _{LCh}	33, 87.125, 307.163
Yxy	7.6469, 0.1968, 0.1065
Android (android.graphics.Color)	4283772607 (0xFF552EBF)
YUV	74.1910, 57.5868, 9.4795
Hunter-Lab	27.6530, 42.7989, -87.8929

Details

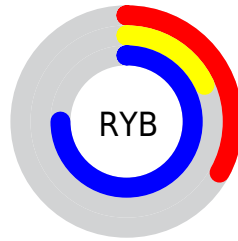
The Hex color **552EBF** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **98BF2E**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9160F9**, and **000088** is the 20% darker color. If you saturate the color by 10%, you get **471BBF**, and if you desaturate by 10%, it is **6341BF**.

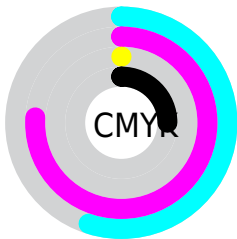
Distribution



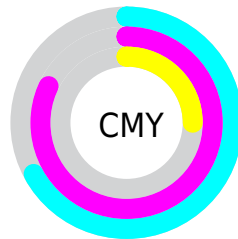
- Red (33%)
- Green (18%)
- Blue (75%)



- Red (33%)
- Yellow (18%)
- Blue (75%)



- Cyan (55%)
- Magenta (76%)
- Yellow (0%)
- Black (25%)



- Cyan (67%)
- Magenta (82%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 552EBF 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 552EBF by changing the saturation by 10% instead.

 552EBF

 552EBF

FFFFFF

 3414A3

 9160F9

 000088

 AE7AFF

 00006E

 CC95FF

 000055

 EAB0FF

 00063C

 FFCCFF

 000226

 FFE9FF

 00010E

 000000

 552EBF

 552EBF

■ 471BBF

■ 6341BF

■ 3908BF

■ 7154BF

■ 3300BF

■ 7F67BF

■ 8D7ABF

■ 9B8EBF

■ A9A1BF

■ B7B4BF

■ C5C7BF

■ D3DABF

Harmonies

Analogous

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



0055DC



552EBF



A70085

Triad

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



552EBF



893300



00665E

Complementary

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



552EBF



98BF2E

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.



00640E



552EBF



525100

Square

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



552EBF



AF0000



005F00



0067A2

Rectangle

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



552EBF



BB0058



005F00



006646

Sweetspot

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



552EBF



CEBEF7



2E98BF



635A7D



FCFCFC



7D7D7D

Same Dimension

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



552EBF



5316F7



9D2EBF



57555E



2B009E



08001F

Inverse Universe

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



BF2E98



F716BB



50BF2E



5E555C



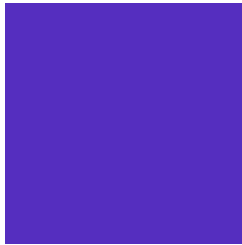
9E0074



1F0016

Previews

White Background



This preview shows how the Hex color 552EBF 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

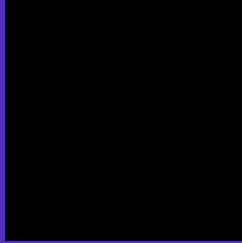
Any Text WCAG AA × Fail

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 552EBF Background



This preview shows how black text looks on a background with the Hex color 552EBF.

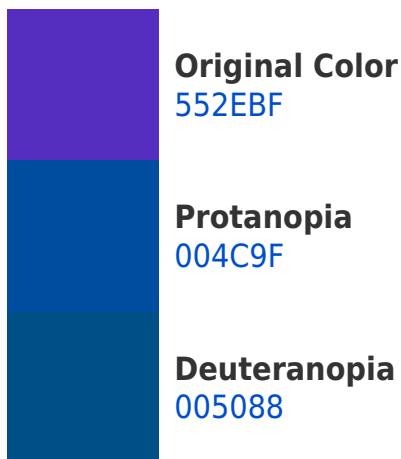


This preview shows how white text looks on a background with the Hex color 552EBF.

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
31545A

Trichromacy



Original Color
552EBF

Protanomaly
1F41AB

Deuteranomaly
1F449C

Tritanomaly
3E467F

Monochromacy



Original Color
552EBF

Achromatopsia
4A4A4A

Achromatomaly
4E4075

CSS Examples

Text

The CSS property to change the color of the text to Hex 552EBF 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 #552EBF looks like.

```
.text, #text, p{  
    color:#552EBF  
}
```

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 #552EBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #552EBF
}
```

Border

The CSS property to change the border of an element to Hex 552EBF is called "border". The border property can be set on classes, ids or directly on the HTML element.

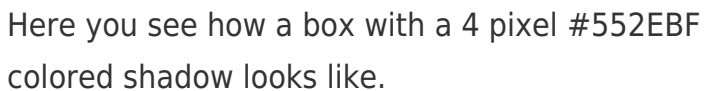
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#552EBF }
```

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

```
.border{ border-color:#552EBF }
```

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



Here you see how a box with a 4 pixel #552EBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #552EBF; -webkit-box-shadow:4px 4px  
4px 4px #552EBF; box-shadow:4px 4px 4px  
4px #552EBF }
```

Background

The CSS property to change the background color of an element to Hex 552EBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#552EBF }
```

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

```
.background{ background-color:#552EBF }
```

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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