

Converting Colors

Hex(553588)

Have a look what the booklet for
Hex(553588) contains.

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Color

Hex(553588)

Conversions

Conversions Part 1

Format	Color
Hex	553588
RGB	85, 53, 136
RGB Percent	33%, 21%, 53%
CMY	0.6667, 0.7922, 0.4667
CMYK	0.38, 0.61, 0.00, 0.47
HSL	263°, 44%, 37%
HSV	263°, 61%, 53%
XYZ	9.4633, 6.2551, 24.0011
YIQ	72.0300, -7.5710, 32.5970

Conversions

Conversions Part 2

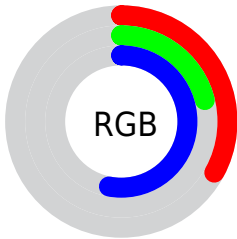
Format	Color
R_{YB}	85, 53, 136
Decimal	5584264
CIE _{Lab}	30.05, 33.26, -41.42
CIE _{LCh}	30, 53.126, 308.765
Yxy	6.2551, 0.2383, 0.1575
Android (android.graphics.Color)	4283774344 (0xFF553588)
YUV	72.0300, 31.5372, 11.3747
Hunter-Lab	25.0101, 23.7731, -39.3909

Details

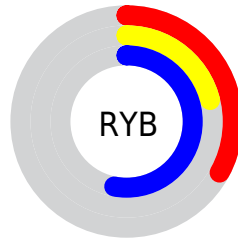
The Hex color **553588** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **688835**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8A65BE**, and **210755** is the 20% darker color. If you saturate the color by 10%, you get **4D2788**, and if you desaturate by 10%, it is **5D4388**.

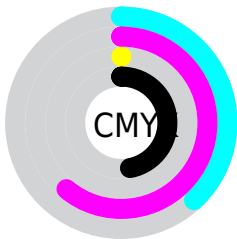
Distribution



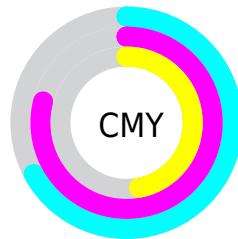
- Red (33%)
- Green (21%)
- Blue (53%)



- Red (33%)
- Yellow (21%)
- Blue (53%)



- Cyan (38%)
- Magenta (61%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (79%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553588 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 553588 by changing the saturation by 10% instead.

■ 553588

■ 553588

FFFFFF

■ 3B1E6E

■ 8A65BE

■ 210755

■ A57FDA

■ 0D003E

■ C199F7

■ 000327

■ DEB4FF

■ 000110

■ FBD0FF

■ 000000

■ FFECFF

■ 553588

■ 553588

■ 4D2788

■ 5D4388

■ 441A88

■ 665088

■ 3C0C88

■ 6E5E88

■ 340088

■ 766B88

■ 7F7988

■ 878788

■ 8F9488

■ 98A288

■ A0AF88

Harmonies

Analogous

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



00489A



553588



801A66

Triad

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



553588



6E3900



005852

Complementary

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



553588



688835

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.



005727



553588



4D4900

Square

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



553588



862214



1C5200



00587A

Rectangle

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



553588



8C0A4A



1C5200



005844

Sweetspot

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



553588



9C90B0



356888



4D4659



D9D9D9



595959

Same Dimension

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



553588



6130B0



7E3588



413E45



330085



020005

Inverse Universe

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



883568



B0307E



3F8835



453E42



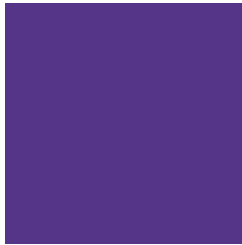
850051



050003

Previews

White Background



This preview shows how the Hex color 553588 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

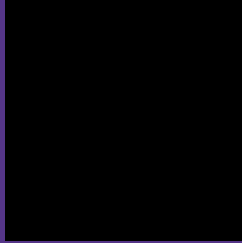
Any Text WCAG AA × Fail

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 553588 Background



This preview shows how black text looks on a background with the Hex color 553588.

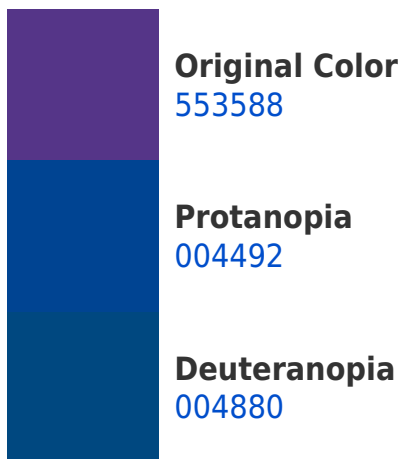



This preview shows how white text looks on a background with the Hex color 553588.

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
48464C

Trichromacy



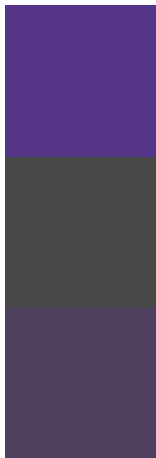
Original Color
553588

Protanomaly
1F3F8E

Deuteranomaly
1F4183

Tritanomaly
4D4062

Monochromacy



Original Color
553588

Achromatopsia
484848

Achromatomaly
4D415F

CSS Examples

Text

The CSS property to change the color of the text to Hex 553588 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 #553588 looks like.

```
.text, #text, p{  
    color:#553588  
}
```

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 #553588 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553588
}
```

Border

The CSS property to change the border of an element to Hex 553588 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".

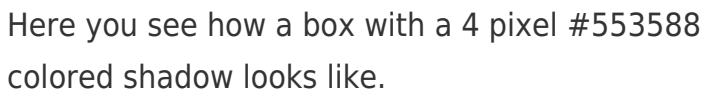
```
.border, #border, table{ border:4px solid
#553588 }
```

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

```
.border{ border-color:#553588 }
```

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

Here you see how a box with a 4 pixel #553588 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553588; -webkit-box-shadow:4px 4px  
4px 4px #553588; box-shadow:4px 4px 4px  
4px #553588 }
```

Background

The CSS property to change the background color of an element to Hex 553588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553588 }
```

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

```
.background{ background-color:#553588 }
```

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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