

Converting Colors

Hex(533988)

Have a look what the booklet for
Hex(533988) contains.

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Color

Hex(533988)

Conversions

Conversions Part 1

Format	Color
Hex	533988
RGB	83, 57, 136
RGB Percent	33%, 22%, 53%
CMY	0.6745, 0.7765, 0.4667
CMYK	0.39, 0.58, 0.00, 0.47
HSL	260°, 41%, 38%
HSV	260°, 58%, 53%
XYZ	9.4743, 6.5428, 24.0561
YIQ	73.7800, -9.8630, 30.0810

Conversions

Conversions Part 2

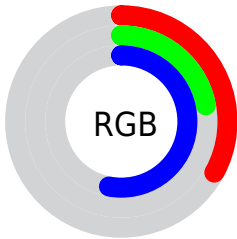
Format	Color
R_{YB}	83, 57, 136
Decimal	5454216
CIE _{Lab}	30.74, 30.36, -40.32
CIE _{LCh}	31, 50.466, 306.977
Yxy	6.5428, 0.2364, 0.1633
Android (android.graphics.Color)	4283644296 (0xFF533988)
YUV	73.7800, 30.6745, 8.0859
Hunter-Lab	25.5790, 21.3525, -37.8549

Details

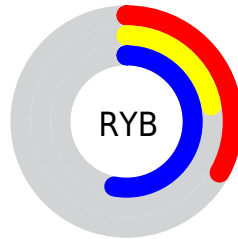
The Hex color **533988** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6E8839**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **8869BE**, and **1F0D55** is the 20% darker color. If you saturate the color by 10%, you get **4A2B88**, and if you desaturate by 10%, it is **5C4788**.

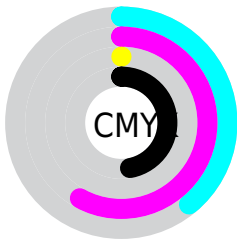
Distribution



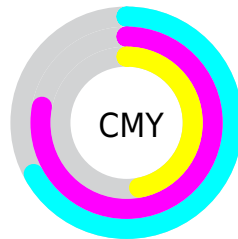
- Red (33%)
- Green (22%)
- Blue (53%)



- Red (33%)
- Yellow (22%)
- Blue (53%)



- Cyan (39%)
- Magenta (58%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (78%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533988 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 533988 by changing the saturation by 10% instead.

■ 533988

■ 533988

FFFFFF

■ 39226E

■ 8869BE

■ 1F0D55

■ A383DA

■ 09003E

■ BF9DF7

■ 000327

■ DBB8FF

■ 000110

■ F8D4FF

■ 000000

■ FFF0FF

■ 533988

■ 533988

■ 4A2B88

■ 5C4788

■ 411E88

■ 655488

■ 381088

■ 6E6288

■ 2F0388

■ 776F88

■ 2D0088

■ 817D88

■ 8A8B88

■ 939888

■ 9CA688

■ A5B388

Harmonies

Analogous

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



004A97



533988



7D2268

Triad

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



533988



713B00



005951

Complementary

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



533988



6E8839

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.



005827



533988



514A00

Square

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



533988



86261B



255300



005977

Rectangle

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



533988



8A164E



255300



005943

Sweetspot

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



533988



9C92B0



396F88



4D4759



D9D9D9



595959

Same Dimension

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



533988



5D35B0



7A3988



403E45



2C0085



020005

Inverse Universe

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



88396E



B03587



478839



453E43



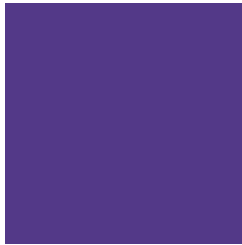
850059



050003

Previews

White Background



This preview shows how the Hex color 533988 looks on a white background.

Color Contrast Check

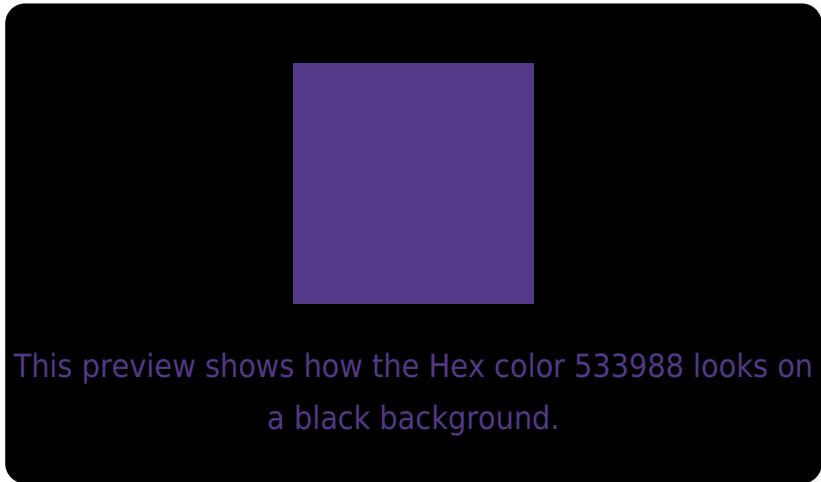
Large Text (above 18pt) WCAG AA ✓ Pass

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 533988 Background



This preview shows how black text looks on a background with the Hex color 533988.

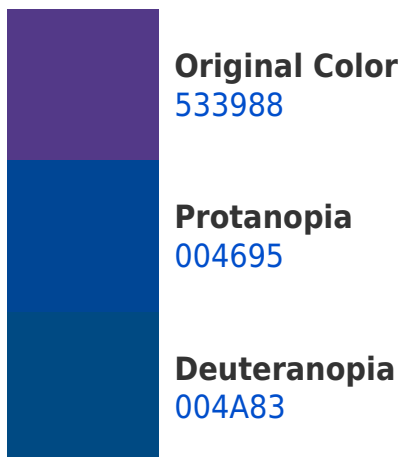


This preview shows how white text looks on a background with the Hex color 533988.

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
46494E

Trichromacy



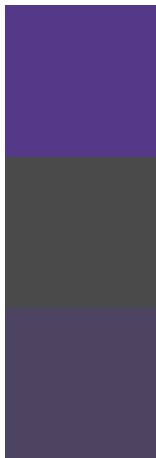
Original Color
533988

Protanomaly
1E4190

Deuteranomaly
1E4485

Tritanomaly
4B4363

Monochromacy



Original Color
533988

Achromatopsia
4A4A4A

Achromatomaly
4D4461

CSS Examples

Text

The CSS property to change the color of the text to Hex 533988 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 #533988 looks like.

```
.text, #text, p{  
    color:#533988  
}
```

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 #533988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533988
}
```

Border

The CSS property to change the border of an element to Hex 533988 is called "border". The border property can be set on classes, ids or directly on the HTML element.

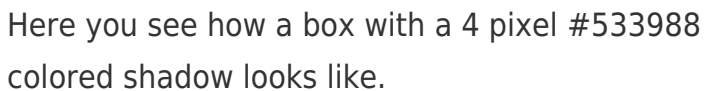
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533988 }
```

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

```
.border{ border-color:#533988 }
```

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



Here you see how a box with a 4 pixel #533988 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533988; -webkit-box-shadow:4px 4px  
4px 4px #533988; box-shadow:4px 4px 4px  
4px #533988 }
```

Background

The CSS property to change the background color of an element to Hex 533988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533988 }
```

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

```
.background{ background-color:#533988 }
```

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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