

Converting Colors

Hex(555D88)

Have a look what the booklet for
Hex(555D88) contains.

Hex(555D88)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(555D88)

Conversions

Conversions Part 1

Format	Color
Hex	555D88
RGB	85, 93, 136
RGB Percent	33%, 36%, 53%
CMY	0.6667, 0.6353, 0.4667
CMYK	0.38, 0.32, 0.00, 0.47
HSL	231°, 23%, 43%
HSV	231°, 38%, 53%
XYZ	12.1046, 11.5376, 24.8815
YIQ	95.5100, -18.5710, 11.6770

Conversions

Conversions Part 2

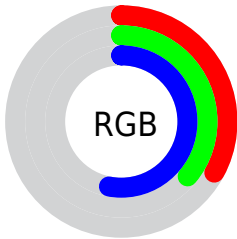
Format	Color
R_{YB}	85, 92, 136
Decimal	5594504
CIE _{Lab}	40.47, 8.15, -24.91
CIE _{LCh}	40, 26.208, 288.112
Yxy	11.5376, 0.2495, 0.2378
Android (android.graphics.Color)	4283784584 (0xFF555D88)
YUV	95.5100, 19.9616, -9.2173
Hunter-Lab	33.9670, 4.1686, -19.6543

Details

The Hex color **555D88** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **888055**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **888FBE**, and **242F56** is the 20% darker color. If you saturate the color by 10%, you get **475288**, and if you desaturate by 10%, it is **636888**.

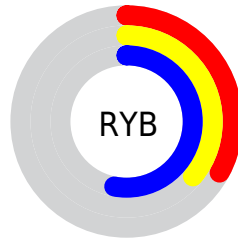
Distribution



 Red (33%)

 Green (36%)

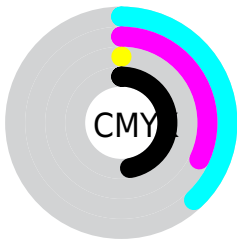
 Blue (53%)




 Red (33%)

 Yellow (36%)

 Blue (53%)

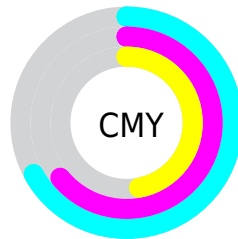


 Cyan (38%)


 Magenta (32%)

 Yellow (0%)

 Black (47%)



 Cyan (67%)

 Magenta (64%)

 Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555D88 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 555D88 by changing the saturation by 10% instead.

■ 555D88

■ 555D88

FFFFFF

■ 3C466E

■ 888FBE

■ 242F56

■ A3AAD9

■ 0A1B3E

■ BFC5F6

■ 000029

■ DBE1FF

■ 000112

■ F8FDFD

■ 000000

■ 555D88

■ 555D88

■ 475288

■ 636888

■ 3A4688

■ 707488

■ 2C3B88

■ 7E7F88

■ 1F2F88

■ 8B8B88

■ 112488

■ 999688

■ 031888

■ A7A288

■ 001588

■ B4AD88

■ C2B988

■ CFC488

Harmonies

Analogous

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



2F6489



555D88



72557C

Triad

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



555D88



835440



2B6A56

Complementary

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



555D88



888055

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.



486742



555D88



755B35

Square

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



555D88



894F53



606236



006B6C

Rectangle

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



555D88



7F5170



606236



356A4F

Sweetspot

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



555D88



9DA0B0



55887F



4E4F59



D9D9D9



595959

Same Dimension

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



555D88



616DB0



665588



3E3F45



001585



000105

Inverse Universe

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



88555D



B0616D



778855



453E3F



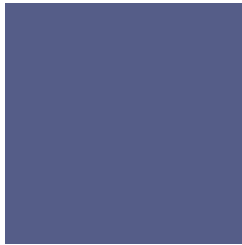
850015



050001

Previews

White Background



This preview shows how the Hex color 555D88 looks on a white background.

Color Contrast Check

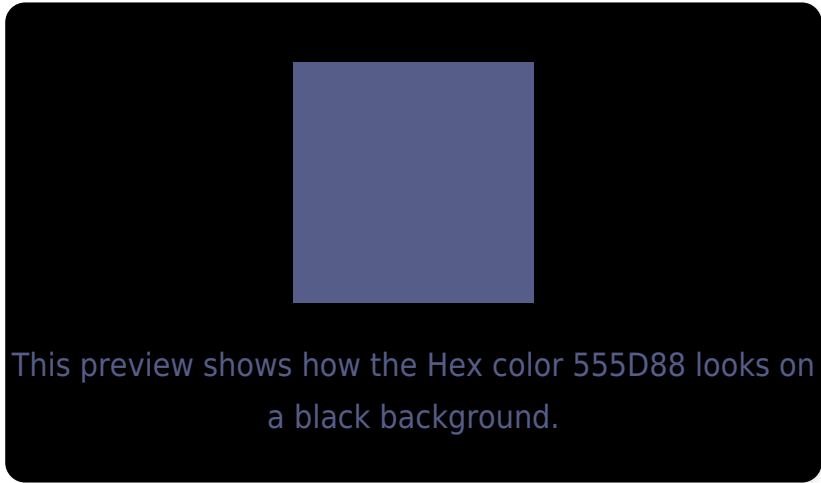
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

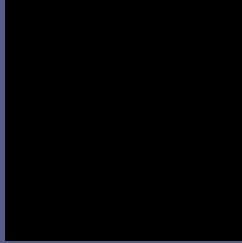
Any Text WCAG AA × Fail

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 555D88 Background



This preview shows how black text looks on a background with the Hex color 555D88.

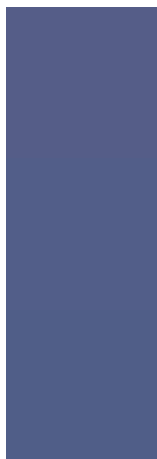


This preview shows how white text looks on a background with the Hex color 555D88.

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

555D88

Protanopia

525E89

Deuteranopia

505E88



Tritanopia
4E636B

Trichromacy



Original Color
555D88

Protanomaly
535E89

Deuteranomaly
525E88

Tritanomaly
516176

Monochromacy



Original Color
555D88

Achromatopsia
606060

Achromatomaly
5C5F6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 555D88 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 #555D88 looks like.

```
.text, #text, p{  
    color:#555D88  
}
```

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 #555D88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555D88
}
```

Border

The CSS property to change the border of an element to Hex 555D88 is called "border". The border property can be set on classes, ids or directly on the HTML element.

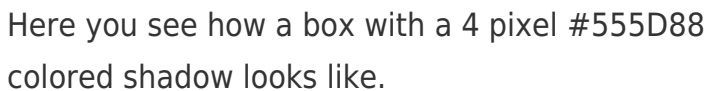
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#555D88 }
```

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

```
.border{ border-color:#555D88 }
```

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



Here you see how a box with a 4 pixel #555D88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555D88; -webkit-box-shadow:4px 4px  
4px 4px #555D88; box-shadow:4px 4px 4px  
4px #555D88 }
```

Background

The CSS property to change the background color of an element to Hex 555D88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555D88 }
```

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

```
.background{ background-color:#555D88 }
```

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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