

Converting Colors

Hex(555C85)

Have a look what the booklet for
Hex(555C85) contains.

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Color

Hex(555C85)

Conversions

Conversions Part 1

Format	Color
Hex	555C85
RGB	85, 92, 133
RGB Percent	33%, 36%, 52%
CMY	0.6667, 0.6392, 0.4784
CMYK	0.36, 0.31, 0.00, 0.48
HSL	231°, 22%, 43%
HSV	231°, 36%, 52%
XYZ	11.8071, 11.2790, 23.7451
YIQ	94.5810, -17.3330, 11.2670

Conversions

Conversions Part 2

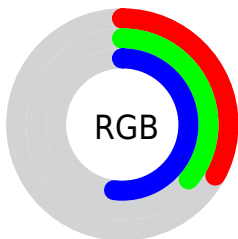
Format	Color
R_{YB}	85, 91, 133
Decimal	5594245
CIE Lab	40.05, 7.90, -23.75
CIE LCh	40, 25.032, 288.401
Yxy	11.2790, 0.2521, 0.2408
Android (android.graphics.Color)	4283784325 (0xFF555C85)
YUV	94.5810, 18.9406, -8.4025
Hunter-Lab	33.5843, 3.9820, -18.4108

Details

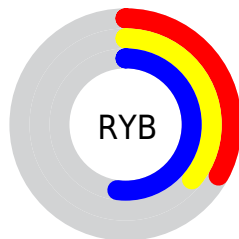
The Hex color **555C85** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **857E55**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **888EBA**, and **252E53** is the 20% darker color. If you saturate the color by 10%, you get **485185**, and if you desaturate by 10%, it is **626785**.

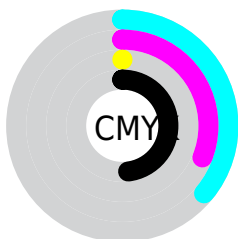
Distribution



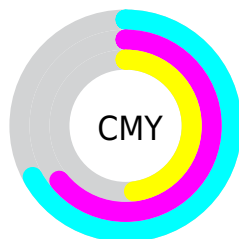
- Red (33%)
- Green (36%)
- Blue (52%)



- Red (33%)
- Yellow (36%)
- Blue (52%)



- Cyan (36%)
- Magenta (31%)
- Yellow (0%)
- Black (48%)



- Cyan (67%)
- Magenta (64%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555C85 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 555C85 by changing the saturation by 10% instead.

■ 555C85

■ 555C85

FFFFFF

■ 3D456C

■ 888EBA

■ 252E53

■ A3A8D6

■ 0B1A3C

■ BEC4F3

■ 000026

■ DAE0FF

■ 00010F

■ F7FCFF

■ 000000

■ 555C85

■ 555C85

■ 485185

■ 626785

■ 3A4585

■ 707385

■ 2D3A85

■ 7D7E85

■ 202F85

■ 8A8985

■ 122385

■ 989585

■ 051885

■ A5A085

■ 001385

■ B2AC85

■ BFB785

■ CDC285

Harmonies

Analogous

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



326386



555C85



70557A

Triad

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



555C85



815341



2D6955

Complementary

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



555C85



857E55

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.



486643



555C85



735A36

Square

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



555C85



864F52



5F6137



0C696B

Rectangle

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



555C85



7D516E



5F6137



37684F

Sweetspot

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



555C85



9A9DAD



55857E



4B4D57



D6D6D6



575757

Same Dimension

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



555C85



636EAD



665585



3C3D42



001382



000003

Inverse Universe

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



85555C



AD636E



748555



423C3D



820013



030000

Previews

White Background



This preview shows how the Hex color 555C85 looks on a white background.

Color Contrast Check

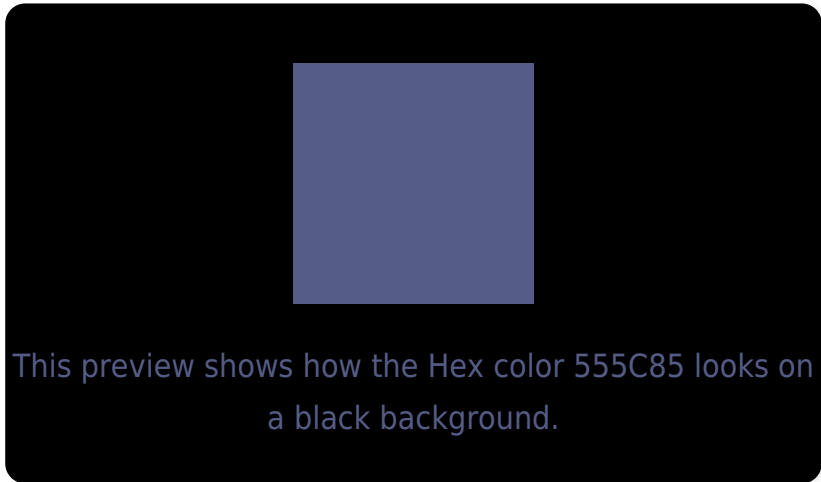
Large Text (above 18pt) WCAG AA ✓ Pass

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

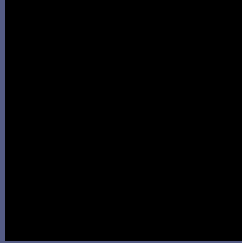
Any Text WCAG AA × Fail

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 555C85 Background



This preview shows how black text looks on a background with the Hex color 555C85.



This preview shows how white text looks on a background with the Hex color 555C85.

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
555C85

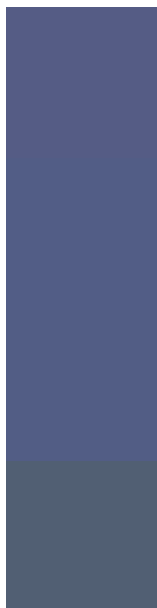
Protanopia
515D86

Deuteranopia
515D85



Tritanopia
4F6169

Trichromacy



Original Color

555C85

Protanomaly

525D86

Deuteranomaly

525D85

Tritanomaly

515F73

Monochromacy



Original Color

555C85

Achromatopsia

5F5F5F

Achromatomaly

5B5E6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 555C85 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 #555C85 looks like.

```
.text, #text, p{  
    color:#555C85  
}
```

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 #555C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555C85
}
```

Border

The CSS property to change the border of an element to Hex 555C85 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
#555C85 }
```

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

```
.border{ border-color:#555C85 }
```

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

Here you see how a box with a 4 pixel #555C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555C85; -webkit-box-shadow:4px 4px  
4px 4px #555C85; box-shadow:4px 4px 4px  
4px #555C85 }
```

Background

The CSS property to change the background color of an element to Hex 555C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555C85 }
```

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

```
.background{ background-color:#555C85 }
```

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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