

Converting Colors

Hex(555F85)

Have a look what the booklet for
Hex(555F85) contains.

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Color

Hex(555F85)

Conversions

Conversions Part 1

Format	Color
Hex	555F85
RGB	85, 95, 133
RGB Percent	33%, 37%, 52%
CMY	0.6667, 0.6275, 0.4784
CMYK	0.36, 0.29, 0.00, 0.48
HSL	228°, 22%, 43%
HSV	228°, 36%, 52%
XYZ	12.0722, 11.8092, 23.8334
YIQ	96.3420, -18.1580, 9.6980

Conversions

Conversions Part 2

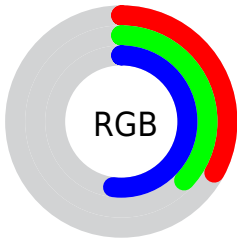
Format	Color
R_{YB}	85, 93, 133
Decimal	5595013
CIE _{Lab}	40.91, 6.03, -22.41
CIE _{LCh}	41, 23.207, 285.055
Yxy	11.8092, 0.2530, 0.2475
Android (android.graphics.Color)	4283785093 (0xFF555F85)
YUV	96.3420, 18.0724, -9.9469
Hunter-Lab	34.3645, 2.5688, -17.0654

Details

The Hex color **555F85** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **857B55**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8891BA**, and **253153** is the 20% darker color. If you saturate the color by 10%, you get **485485**, and if you desaturate by 10%, it is **626A85**.

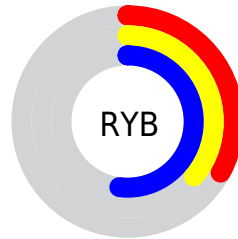
Distribution



Red (33%)

Green (37%)

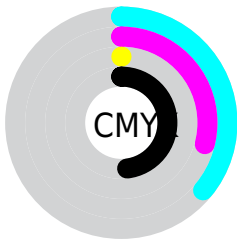
Blue (52%)



Red (33%)

Yellow (36%)

Blue (52%)

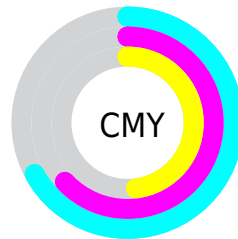


Cyan (36%)

Magenta (29%)

Yellow (0%)

Black (48%)



Cyan (67%)

Magenta (63%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555F85 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 555F85 by changing the saturation by 10% instead.

■ 555F85

■ 555F85

FFFFFF

■ 3D476C

■ 8891BA

■ 253153

■ A3ACD6

■ 0B1C3C

■ BEC7F3

■ 000126

■ DAE3FF

■ 000110

■ F7FFFF

■ 000000

■ 555F85

■ 555F85

■ 485485

■ 626A85

■ 3A4A85

■ 707485

■ 2D3F85

■ 7D7F85

■ 203585

■ 8A8985

■ 122A85

■ 989485

■ 052085

■ A59E85

■ 001C85

■ B2A985

■ BFB385

■ CDBE85

Harmonies

Analogous

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



366585



555F85



6F587B

Triad

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



555F85



825646



376A56

Complementary

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



555F85



857B55

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.



4E6745



555F85



765C3C

Square

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



555F85



865257



64623B



206B6A

Rectangle

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



555F85



7B5471



64623B



3F6950

Sweetspot

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



555F85



9A9EAD



55857B



4B4E57



D6D6D6



575757

Same Dimension

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



555F85



6372AD



635585



3C3D42



001B82



000103

Inverse Universe

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



85555F



AD6372



778555



423C3D



82001B



030001

Previews

White Background



This preview shows how the Hex color 555F85 looks on a white background.

Color Contrast Check

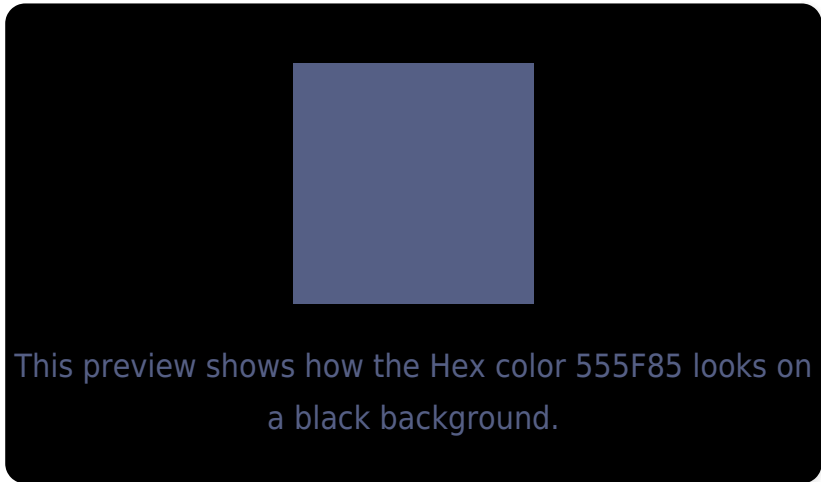
Large Text (above 18pt) WCAG AA ✓ Pass

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

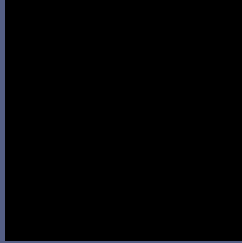
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

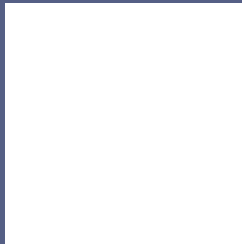
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 555F85 Background



This preview shows how black text looks on a background with the Hex color 555F85.



This preview shows how white text looks on a background with the Hex color 555F85.

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
555F85

Protanopia
555F85

Deuteranopia
555F85



Tritanopia
4F646C

Trichromacy



Original Color
555F85

Protanomaly
555F85

Deuteranomaly
555F85

Tritanomaly
516275

Monochromacy



Original Color
555F85

Achromatopsia
606060

Achromatomaly
5C606D

CSS Examples

Text

The CSS property to change the color of the text to Hex 555F85 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 #555F85 looks like.

```
.text, #text, p{  
    color:#555F85  
}
```

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 #555F85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555F85
}
```

Border

The CSS property to change the border of an element to Hex 555F85 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
#555F85 }
```

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

```
.border{ border-color:#555F85 }
```

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

Here you see how a box with a 4 pixel #555F85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555F85; -webkit-box-shadow:4px 4px  
4px 4px #555F85; box-shadow:4px 4px 4px  
4px #555F85 }
```

Background

The CSS property to change the background color of an element to Hex 555F85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555F85 }
```

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

```
.background{ background-color:#555F85 }
```

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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