

Converting Colors

Hex(555B75)

Have a look what the booklet for
Hex(555B75) contains.

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Color

Hex(555B75)

Conversions

Conversions Part 1

Format	Color
Hex	555B75
RGB	85, 91, 117
RGB Percent	33%, 36%, 46%
CMY	0.6667, 0.6431, 0.5412
CMYK	0.27, 0.22, 0.00, 0.54
HSL	229°, 16%, 40%
HSV	229°, 27%, 46%
XYZ	10.6983, 10.6978, 18.3306
YIQ	92.1700, -11.9220, 6.8140

Conversions

Conversions Part 2

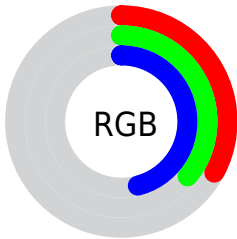
Format	Color
RYB	85, 90, 117
Decimal	5593973
CIELab	39.07, 4.06, -15.49
CIElCh	39, 16.014, 284.675
Yxy	10.6978, 0.2693, 0.2693
Android (android.graphics.Color)	4283784053 (0xFF555B75)
YUV	92.1700, 12.2412, -6.2881
Hunter-Lab	32.7075, 1.1473, -10.3333

Details

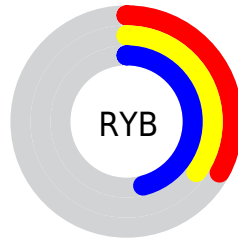
The Hex color **555B75** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **756F55**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **878DA9**, and **272D45** is the 20% darker color. If you saturate the color by 10%, you get **495175**, and if you desaturate by 10%, it is **616575**.

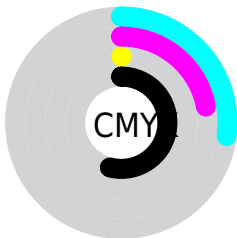
Distribution



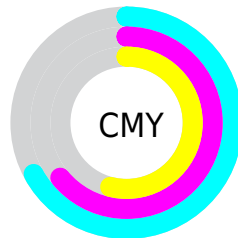
- Red (33%)
- Green (36%)
- Blue (46%)



- Red (33%)
- Yellow (35%)
- Blue (46%)



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)
- Black (54%)



- Cyan (67%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555B75 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 555B75 by changing the saturation by 10% instead.

■ 555B75

■ 555B75

FFFFFF

■ 3D445C

■ 878DA9

■ 272D45

■ A2A7C4

■ 11192E

■ BDC3E0

■ 00011A

■ D9DEFD

■ 000000

■ F5FBFF

■ 555B75

■ 555B75

■ 495175

■ 616575

■ 3E4875

■ 6C6E75

■ 323E75

■ 787875

■ 263575

■ 848175

■ 1A2B75

■ 908B75

■ 0F2275

■ 9B9475

■ 031875

■ A79E75

■ 001675

■ B3A775

■ BEB175

Harmonies

Analogous

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



435F75



555B75



66576F

Triad

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



555B75



74554A



426355

Complementary

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



555B75



756F55

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.



506149



555B75



6C5943

Square

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



555B75



775356



5F5D43



376362

Rectangle

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



555B75



6F5467



5F5D43



466250

Sweetspot

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



555B75



8D8F99



55756F



45464D



CCCCCC



4D4D4D

Same Dimension

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



555B75



677099



5F5575



35363B



00177A



002FFA

Inverse Universe

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



75555B



996770



6B7555



3B3536



7A0017



FA002F

Previews

White Background



This preview shows how the Hex color 555B75 looks on a white background.

Color Contrast Check

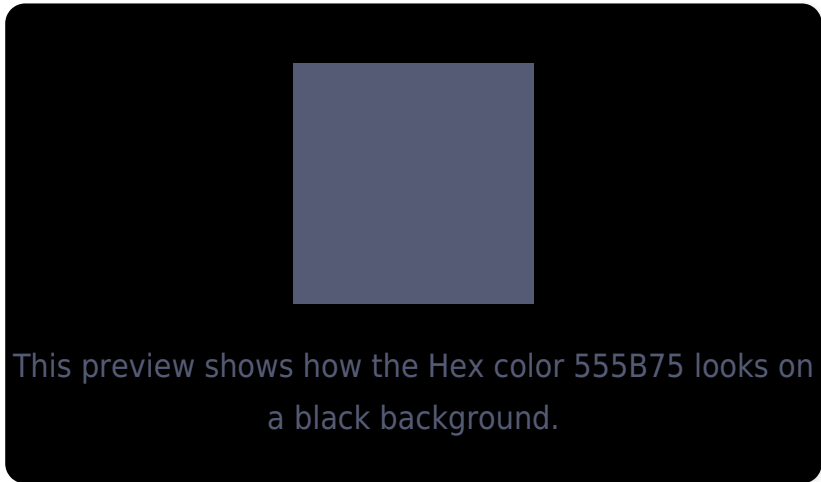
Large Text (above 18pt) WCAG AA ✓ Pass

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

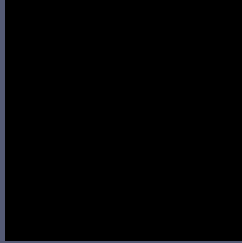
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

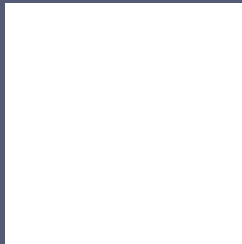
Any Text WCAG AAA × Fail

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

Hex 555B75 Background



This preview shows how black text looks on a background with the Hex color 555B75.



This preview shows how white text looks on a background with the Hex color 555B75.

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](#).

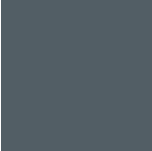
Dichromacy



Original Color
555B75

Protanopia
555B75

Deuteranopia
585A75



Tritanopia
525E65

Trichromacy



Original Color

555B75

Protanomaly

555B75

Deuteranomaly

575A75

Tritanomaly

535D6B

Monochromacy



Original Color

555B75

Achromatopsia

5C5C5C

Achromatomaly

595C65

CSS Examples

Text

The CSS property to change the color of the text to Hex 555B75 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 #555B75 looks like.

```
.text, #text, p{  
    color:#555B75  
}
```

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 #555B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555B75
}
```

Border

The CSS property to change the border of an element to Hex 555B75 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
#555B75 }
```

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

```
.border{ border-color:#555B75 }
```

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

Here you see how a box with a 4 pixel #555B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555B75; -webkit-box-shadow:4px 4px  
4px 4px #555B75; box-shadow:4px 4px 4px  
4px #555B75 }
```

Background

The CSS property to change the background color of an element to Hex 555B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555B75 }
```

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

```
.background{ background-color:#555B75 }
```

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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