

Converting Colors

Hex(535E93)

Have a look what the booklet for
Hex(535E93) contains.

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Color

Hex(535E93)

Conversions

Conversions Part 1

Format	Color
Hex	535E93
RGB	83, 94, 147
RGB Percent	33%, 37%, 58%
CMY	0.6745, 0.6314, 0.4235
CMYK	0.44, 0.36, 0.00, 0.42
HSL	230°, 28%, 45%
HSV	230°, 44%, 58%
XYZ	12.8364, 11.9510, 29.2340
YIQ	96.7530, -23.5690, 14.1510

Conversions

Conversions Part 2

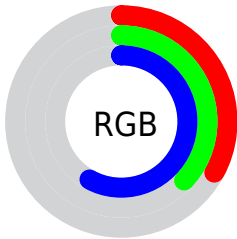
Format	Color
R_{YB}	83, 92, 147
Decimal	5463699
CIE _{Lab}	41.14, 10.25, -30.51
CIE _{LCh}	41, 32.185, 288.562
Yxy	11.9510, 0.2376, 0.2212
Android (android.graphics.Color)	4283653779 (0xFF535E93)
YUV	96.7530, 24.7718, -12.0614
Hunter-Lab	34.5702, 5.7819, -25.9389

Details

The Hex color **535E93** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **938853**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8790C9**, and **1F3060** is the 20% darker color. If you saturate the color by 10%, you get **445293**, and if you desaturate by 10%, it is **626A93**.

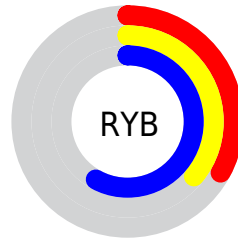
Distribution



Red (33%)

Green (37%)

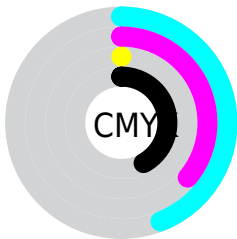
Blue (58%)



Red (33%)

Yellow (36%)

Blue (58%)

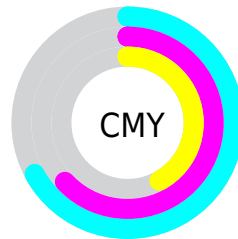


Cyan (44%)

Magenta (36%)

Yellow (0%)

Black (42%)



Cyan (67%)

Magenta (63%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535E93 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 535E93 by changing the saturation by 10% instead.

■ 535E93

■ 535E93

FFFFFF

■ 3A4779

■ 8790C9

■ 1F3060

■ A2ABE5

■ 001C48

■ BEC6FF

■ 000031

■ DAE2FF

■ 00011C

■ F7FEFF

■ 000000

■ 535E93

■ 535E93

■ 445293

■ 626A93

■ 364693

■ 707693

■ 273993

■ 7F8393

■ 182D93

■ 8E8F93

■ 0A2193

■ 9D9B93

■ 001993

■ ABA793

■ BAB393

■ C9BF93

■ D7CC93

Harmonies

Analogous

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



146794



535E93



785484

Triad

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



535E93



8C523A



146E56

Complementary

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



535E93



938853

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.



426B3D



535E93



7A5C2C

Square

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



535E93



934C52



61652D



006E71

Rectangle

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



535E93



884E75



61652D



286D4D

Sweetspot

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



535E93



A6ABBF



539387



515461



E0E0E0



616161

Same Dimension

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



535E93



5C6DBF



675393



43444A



00188A



00020A

Inverse Universe

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



93535E



BF5C6D



7F9353



4A4344



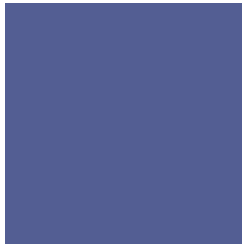
8A0018



0A0002

Previews

White Background



This preview shows how the Hex color 535E93 looks on a white background.

Color Contrast Check

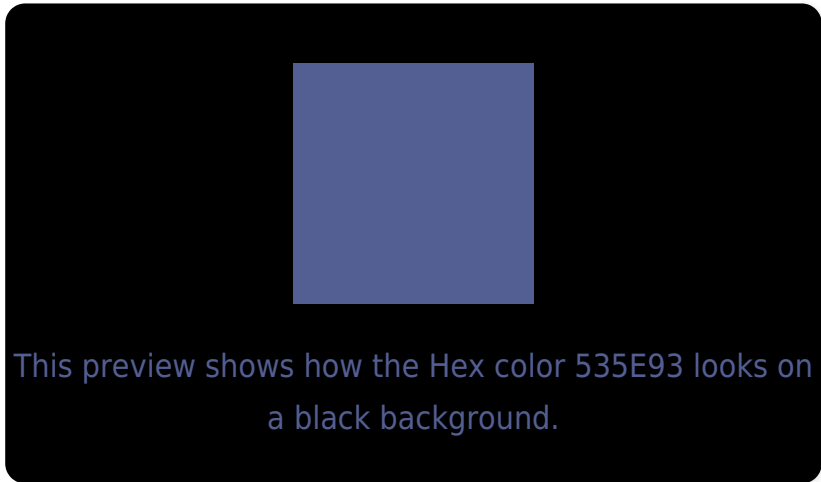
Large Text (above 18pt) WCAG AA ✓ Pass

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

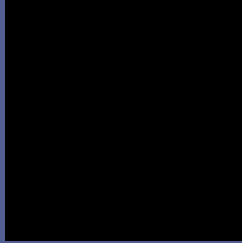
Any Text WCAG AA × Fail

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 535E93 Background



This preview shows how black text looks on a background with the Hex color 535E93.



This preview shows how white text looks on a background with the Hex color 535E93.

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


535E93

Protanopia

4E5F94

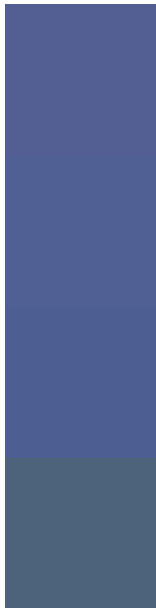
Deuteranopia

496092



Tritanopia
49666E

Trichromacy



Original Color
535E93

Protanomaly
505F94

Deuteranomaly
4D5F92

Tritanomaly
4D637B

Monochromacy



Original Color
535E93

Achromatopsia
616161

Achromatomaly
5C6073

CSS Examples

Text

The CSS property to change the color of the text to Hex 535E93 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 #535E93 looks like.

```
.text, #text, p{  
    color:#535E93  
}
```

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 #535E93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535E93
}
```

Border

The CSS property to change the border of an element to Hex 535E93 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
#535E93 }
```

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

```
.border{ border-color:#535E93 }
```

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

Here you see how a box with a 4 pixel #535E93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535E93; -webkit-box-shadow:4px 4px  
4px 4px #535E93; box-shadow:4px 4px 4px  
4px #535E93 }
```

Background

The CSS property to change the background color of an element to Hex 535E93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535E93 }
```

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

```
.background{ background-color:#535E93 }
```

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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