

Converting Colors

Hex(5E5F91)

Have a look what the booklet for
Hex(5E5F91) contains.

Hex(5E5F91)	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(5E5F91)

Conversions

Conversions Part 1

Format	Color
Hex	5E5F91
RGB	94, 95, 145
RGB Percent	37%, 37%, 57%
CMY	0.6314, 0.6275, 0.4314
CMYK	0.35, 0.34, 0.00, 0.43
HSL	239°, 21%, 47%
HSV	239°, 35%, 57%
XYZ	13.8191, 12.6084, 28.4934
YIQ	100.4010, -16.6460, 15.3380

Conversions

Conversions Part 2

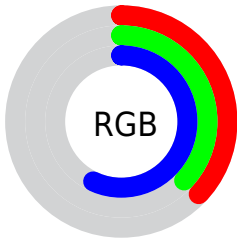
Format	Color
R_{YB}	94, 95, 145
Decimal	6184849
CIE _{Lab}	42.17, 12.20, -27.64
CIE _{LCh}	42, 30.209, 293.810
Yxy	12.6084, 0.2516, 0.2296
Android (android.graphics.Color)	4284374929 (0xFF5E5F91)
YUV	100.4010, 21.9873, -5.6137
Hunter-Lab	35.5084, 7.3290, -22.7209

Details

The Hex color **5E5F91** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **91905E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9291C7**, and **2D315E** is the 20% darker color. If you saturate the color by 10%, you get **505191**, and if you desaturate by 10%, it is **6D6D91**.

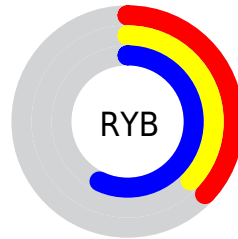
Distribution



Red (37%)

Green (37%)

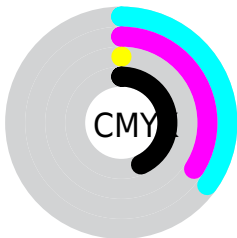
Blue (57%)



Red (37%)

Yellow (37%)

Blue (57%)

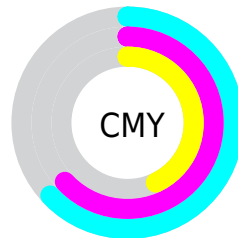


Cyan (35%)

Magenta (34%)

Yellow (0%)

Black (43%)



Cyan (63%)

Magenta (63%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E5F91 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 5E5F91 by changing the saturation by 10% instead.

■ 5E5F91

■ 5E5F91

FFFFFF

■ 454777

■ 9291C7

■ 2D315E

■ ADACE3

■ 131C46

■ C9C7FF

■ 000230

■ E5E3FF

■ 00011A

■ 000000

■ 5E5F91

■ 5E5F91

■ 505191

■ 6D6D91

■ 414391

■ 7B7B91

■ 333491

■ 8A8A91

■ 242691

■ 989891

■ 161891

■ A7A691

■ 070A91

■ B5B491

■ 000391

■ C4C391

■ D2D191

■ E1DF91

Harmonies

Analogous

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



306895



5E5F91



7E5681

Triad

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



5E5F91



8A573C



18705D

Complementary

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



5E5F91



91905E

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.



426D45



5E5F91



786031

Square

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



5E5F91



935151



5F6835



007077

Rectangle

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



5E5F91



8B5172



5F6835



297055

Sweetspot

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



5E5F91



A8A8BD



5E918F



52525E



DEDEDE



5E5E5E

Same Dimension

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



5E5F91



6D6FBD



765E91



404047



000387



000008

Inverse Universe

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



915E5F



BD6D6F



79915E



474040



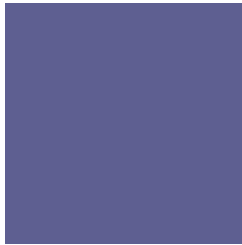
870003



080000

Previews

White Background



This preview shows how the Hex color 5E5F91 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

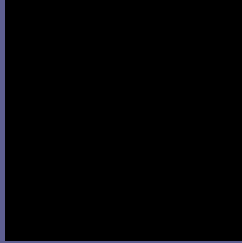
Any Text WCAG AA × Fail

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 5E5F91 Background



This preview shows how black text looks on a background with the Hex color 5E5F91.

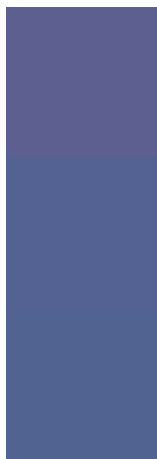


This preview shows how white text looks on a background with the Hex color 5E5F91.

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](#).

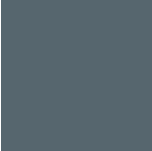
Dichromacy



Original Color
5E5F91

Protanopia
536293

Deuteranopia
516390



Tritanopia
56666E

Trichromacy



Original Color
5E5F91

Protanomaly
576192

Deuteranomaly
566290

Tritanomaly
59637B

Monochromacy



Original Color
5E5F91

Achromatopsia
646464

Achromatomaly
626274

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E5F91 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 #5E5F91 looks like.

```
.text, #text, p{  
    color:#5E5F91  
}
```

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 #5E5F91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5F91
}
```

Border

The CSS property to change the border of an element to Hex 5E5F91 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
#5E5F91 }
```

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

```
.border{ border-color:#5E5F91 }
```

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

Here you see how a box with a 4 pixel #5E5F91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5F91; -webkit-box-shadow:4px 4px  
4px 4px #5E5F91; box-shadow:4px 4px 4px  
4px #5E5F91 }
```

Background

The CSS property to change the background color of an element to Hex 5E5F91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5F91 }
```

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

```
.background{ background-color:#5E5F91 }
```

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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