

# Converting Colors

Hex(5E526D)

Have a look what the booklet for  
Hex(5E526D) contains.

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# Color

Hex(5E526D)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E526D
RGB	94, 82, 109
RGB Percent	37%, 32%, 43%
CMY	0.6314, 0.6784, 0.5725
CMYK	0.14, 0.25, 0.00, 0.57
HSL	267°, 14%, 37%
HSV	267°, 25%, 43%
XYZ	10.3937, 9.5184, 15.7574
YIQ	88.6660, -1.5150, 10.9410

# Conversions

## Conversions Part 2

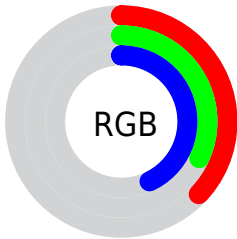
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 82, 109
Decimal	6181485
CIE <sub>Lab</sub>	36.96, 10.81, -13.69
CIE <sub>LCh</sub>	37, 17.440, 308.298
Yxy	9.5184, 0.2914, 0.2668
Android (android.graphics.Color)	4284371565 (0xFF5E526D)
YUV	88.6660, 10.0247, 4.6779
Hunter-Lab	30.8519, 6.1441, -8.6857

# Details

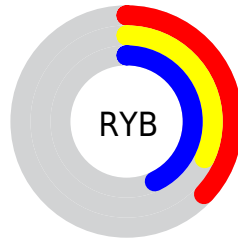
The Hex color **5E526D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **616D52**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9183A1**, and **30253D** is the 20% darker color. If you saturate the color by 10%, you get **58476D**, and if you desaturate by 10%, it is **645D6D**.

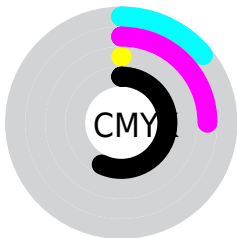
# Distribution



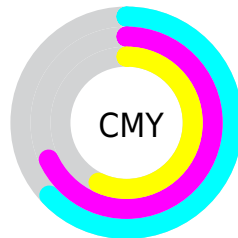
- Red (37%)
- Green (32%)
- Blue (43%)



- Red (37%)
- Yellow (32%)
- Blue (43%)



- Cyan (14%)
- Magenta (25%)
- Yellow (0%)
- Black (57%)



- Cyan (63%)
- Magenta (68%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E526D 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 5E526D by changing the saturation by 10% instead.



■ 5E526D

■ 5E526D

FFFFFF

■ 463B55

■ 9183A1

■ 30253D

■ AB9EBC

■ 1A1127

■ C7B8D7

■ 000112

■ E3D4F4

■ 000000

■ FFF0FF

■ 5E526D

■ 5E526D

■ 58476D

■ 645D6D

■ 523C6D

■ 6A686D

■ 4C316D

■ 70736D

■ 46266D

■ 767E6D

■ 401C6D

■ 7C896D

■ 3A116D

■ 82936D

■ 34066D

■ 889E6D

■ 30006D

■ 8EA96D

■ 94B46D

# Harmonies

## Analogous

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



4B5773



5E526D



6C4E62

# Triad

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



5E526D



6A533D



305F5A

# Complementary

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



5E526D



616D52

# 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.



3D5E4C



5E526D



5D573B

# Square

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



5E526D



724E46



4E5B41



2C5E68

# Rectangle

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



5E526D



724D58



4E5B41



345F56



# Sweetspot

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



5E526D



89858F



52616D



444247



C7C7C7



474747



# Same Dimension

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



5E526D



77648F



6B526D



333036



340075



6D00F5



# Inverse Universe

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



6D5261



8F647C



546D52



363033



750041



F50088



# Previews

## White Background



This preview shows how the Hex color 5E526D 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

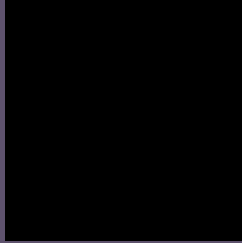
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E526D Background



This preview shows how black text looks on a background with the Hex color 5E526D.



This preview shows how white text looks on a background with the Hex color 5E526D.

# 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**  
5E526D

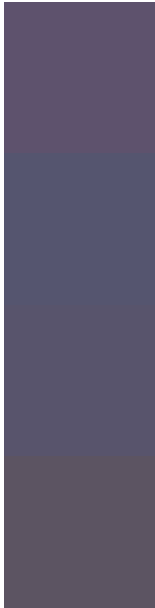
**Protanopia**  
505670

**Deuteranopia**  
55556C



**Tritanopia**  
5B555C

# Trichromacy



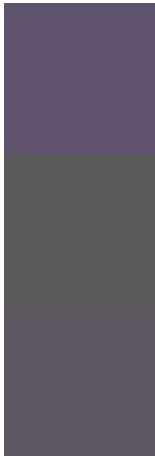
**Original Color**  
5E526D

**Protanomaly**  
55556F

**Deuteranomaly**  
58546C

**Tritanomaly**  
5C5462

# Monochromacy



**Original Color**  
5E526D

**Achromatopsia**  
595959

**Achromatomaly**  
5B5660

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E526D 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 #5E526D looks like.

```
.text, #text, p{  
    color:#5E526D  
}
```

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 #5E526D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E526D
}
```

## Border

The CSS property to change the border of an element to Hex 5E526D is called "border". The border property can be set on classes, ids or directly on the HTML element.

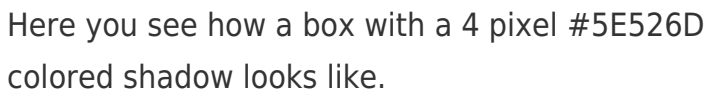
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E526D }
```

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

```
.border{ border-color:#5E526D }
```

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



Here you see how a box with a 4 pixel #5E526D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E526D; -webkit-box-shadow:4px 4px  
4px 4px #5E526D; box-shadow:4px 4px 4px  
4px #5E526D }
```

# Background

The CSS property to change the background color of an element to Hex 5E526D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E526D }
```

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

```
.background{ background-color:#5E526D }
```

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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