

Converting Colors

Hex(5E5572)

Have a look what the booklet for
Hex(5E5572) contains.

Hex(5E5572)	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(5E5572)

Conversions

Conversions Part 1

Format	Color
Hex	5E5572
RGB	94, 85, 114
RGB Percent	37%, 33%, 45%
CMY	0.6314, 0.6667, 0.5529
CMYK	0.18, 0.25, 0.00, 0.55
HSL	259°, 15%, 39%
HSV	259°, 25%, 45%
XYZ	10.9019, 10.0916, 17.2929
YIQ	90.9970, -3.9450, 10.9270

Conversions

Conversions Part 2

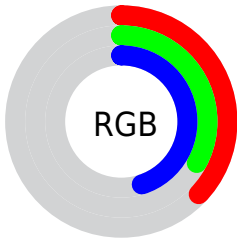
Format	Color
R_{YB}	94, 85, 114
Decimal	6182258
CIE _{Lab}	38.01, 10.15, -15.19
CIE _{LCh}	38, 18.273, 303.741
Yxy	10.0916, 0.2847, 0.2636
Android (android.graphics.Color)	4284372338 (0xFF5E5572)
YUV	90.9970, 11.3405, 2.6336
Hunter-Lab	31.7673, 5.6647, -10.0381

Details

The Hex color **5E5572** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **697255**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9187A6**, and **2F2842** is the 20% darker color. If you saturate the color by 10%, you get **564A72**, and if you desaturate by 10%, it is **666072**.

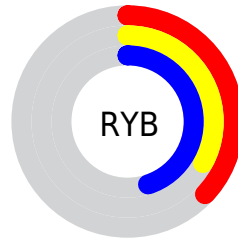
Distribution



Red (37%)

Green (33%)

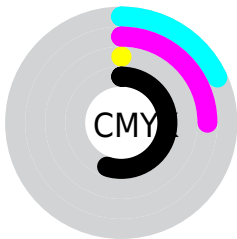
Blue (45%)



Red (37%)

Yellow (33%)

Blue (45%)

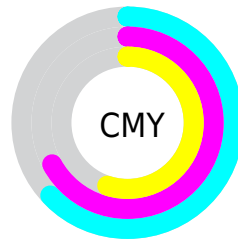


Cyan (18%)

Magenta (25%)

Yellow (0%)

Black (55%)



Cyan (63%)

Magenta (67%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E5572 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 5E5572 by changing the saturation by 10% instead.

■ 5E5572

■ 5E5572

FFFFFF

■ 463E59

■ 9187A6

■ 2F2842

■ ABA1C1

■ 1A142C

■ C7BCDD

■ 000017

■ E3D8FA

■ 000000

■ FFF4FF

■ 5E5572

■ 5E5572

■ 564A72

■ 666072

■ 4E3E72

■ 6E6C72

■ 463372

■ 767772

■ 3F2772

■ 7D8372

■ 371C72

■ 858E72

■ 2F1172

■ 8D9972

■ 270572

■ 95A572

■ 230072

■ 9DB072

■ A5BC72

Harmonies

Analogous

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



495A77



5E5572



6E5067

Triad

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



5E5572



6F543F



32625B

Complementary

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



5E5572



697255

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.



41604C



5E5572



62593C

Square

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



5E5572



76504A



525D41



2B6169

Rectangle

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



5E5572



744F5D



525D41



366156

Sweetspot

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



5E5572



8C8894



556972



45434A



C9C9C9



4A4A4A

Same Dimension

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



5E5572



746694



6C5572



343238



250078



4D00F7

Inverse Universe

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



725569



946686



5B7255



383236



780053



F700AB

Previews

White Background



This preview shows how the Hex color 5E5572 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

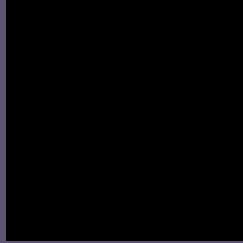
Any Text WCAG AA × Fail

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 5E5572 Background



This preview shows how black text looks on a background with the Hex color 5E5572.



This preview shows how white text looks on a background with the Hex color 5E5572.

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
5E5572

Protanopia
525875

Deuteranopia
565871



Tritanopia
5B585F

Trichromacy



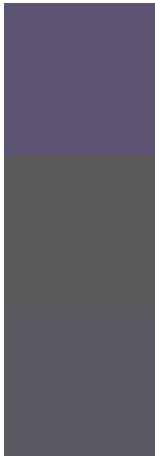
Original Color
5E5572

Protanomaly
565774

Deuteranomaly
595771

Tritanomaly
5C5766

Monochromacy



Original Color
5E5572

Achromatopsia
5B5B5B

Achromatomaly
5C5963

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E5572 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 #5E5572 looks like.

```
.text, #text, p{  
    color:#5E5572  
}
```

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 #5E5572 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5572
}
```

Border

The CSS property to change the border of an element to Hex 5E5572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

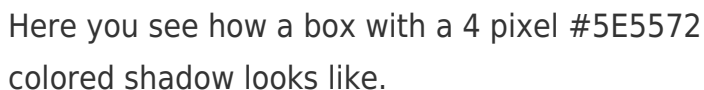
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E5572 }
```

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

```
.border{ border-color:#5E5572 }
```

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



Here you see how a box with a 4 pixel #5E5572 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5572; -webkit-box-shadow:4px 4px  
4px 4px #5E5572; box-shadow:4px 4px 4px  
4px #5E5572 }
```

Background

The CSS property to change the background color of an element to Hex 5E5572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5572 }
```

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

```
.background{ background-color:#5E5572 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor