

Converting Colors

Hex(565A68)

Have a look what the booklet for
Hex(565A68) contains.

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Color

Hex(565A68)

Conversions

Conversions Part 1

Format	Color
Hex	565A68
RGB	86, 90, 104
RGB Percent	34%, 35%, 41%
CMY	0.6627, 0.6471, 0.5922
CMYK	0.17, 0.13, 0.00, 0.59
HSL	227°, 9%, 37%
HSV	227°, 17%, 41%
XYZ	9.9926, 10.2902, 14.5563
YIQ	90.4000, -6.8780, 3.5060

Conversions

Conversions Part 2

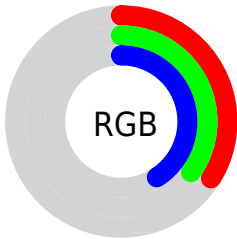
Format	Color
R_{YB}	86, 89, 104
Decimal	5659240
CIE _{Lab}	38.36, 1.68, -8.54
CIE _{LCh}	38, 8.707, 281.132
Yxy	10.2902, 0.2868, 0.2954
Android (android.graphics.Color)	4283849320 (0xFF565A68)
YUV	90.4000, 6.7048, -3.8588
Hunter-Lab	32.0784, -0.5334, -4.4492

Details

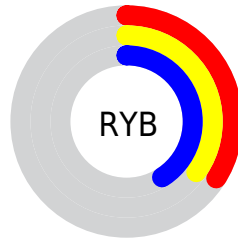
The Hex color **565A68** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **686456**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **888C9B**, and **292D39** is the 20% darker color. If you saturate the color by 10%, you get **4C5268**, and if you desaturate by 10%, it is **606268**.

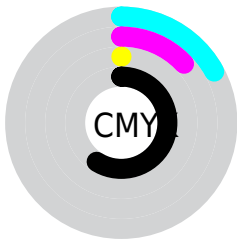
Distribution



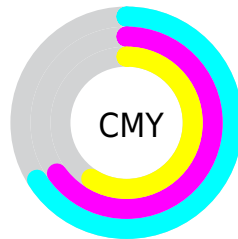
- Red (34%)
- Green (35%)
- Blue (41%)



- Red (34%)
- Yellow (35%)
- Blue (41%)



- Cyan (17%)
- Magenta (13%)
- Yellow (0%)
- Black (59%)



- Cyan (66%)
- Magenta (65%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565A68 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 565A68 by changing the saturation by 10% instead.



565A68



565A68

FFFFFF



3F4350



888C9B



292D39



A2A6B6



141823



BDC1D2



00010E



D9DDEE



000000



F6FAFF



565A68



565A68



4C5268



606268



414A68



6B6A68

■ 374268

■ 757268

■ 2C3A68

■ 807A68

■ 223268

■ 8A8268

■ 182968

■ 948B68

■ 0D2168

■ 9F9368

■ 031968

■ A99B68

■ 001768

■ B4A368

Harmonies

Analogous

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



4E5C67



565A68



5F5865

Triad

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



565A68



695651



4E5E56

Complementary

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



565A68



686456

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.



555D50



565A68



64584D

Square

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



565A68



695558



5D5B4D



495E5D

Rectangle

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



565A68



645661



5D5B4D



505E53

Sweetspot

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



565A68



808287



566864



414245



C4C4C4



454545

Same Dimension

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



565A68



6B7187



5B5668



2E2F33



001A73



0036F2

Inverse Universe

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



68565A



876B71



636856



332E2F



73001A



F20036

Previews

White Background



This preview shows how the Hex color 565A68 looks on a white background.

Color Contrast Check

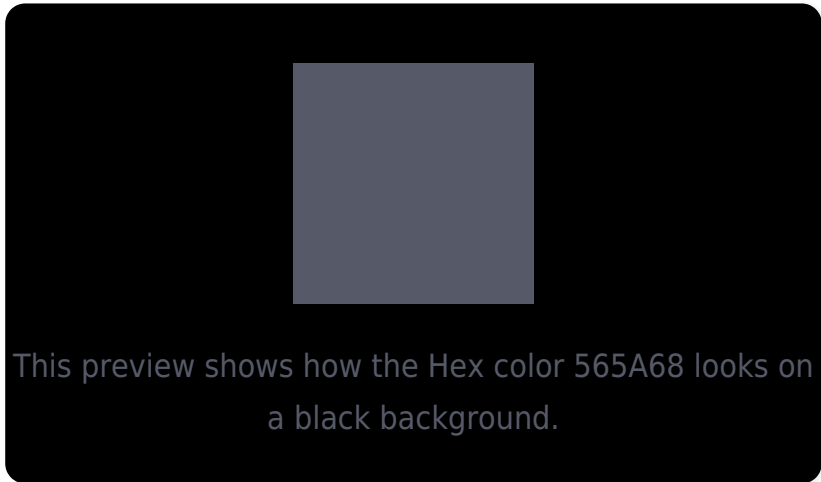
Large Text (above 18pt) WCAG AA ✓ Pass

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

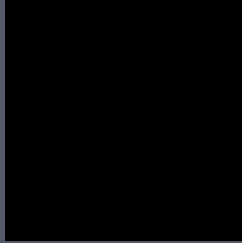
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

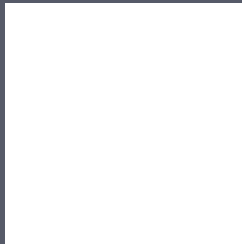
Any Text WCAG AAA × Fail

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

Hex 565A68 Background



This preview shows how black text looks on a background with the Hex color 565A68.

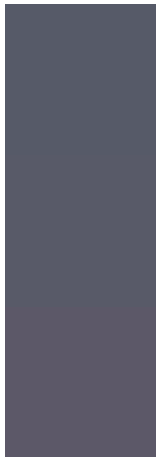


This preview shows how white text looks on a background with the Hex color 565A68.

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
565A68

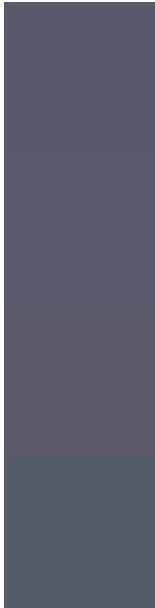
Protanopia
585A68

Deuteranopia
5C5868



Tritanopia
555B62

Trichromacy



Original Color
565A68

Protanomaly
575A68

Deuteranomaly
5A5968

Tritanomaly
555B64

Monochromacy



Original Color
565A68

Achromatopsia
5A5A5A

Achromatomaly
595A5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 565A68 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 #565A68 looks like.

```
.text, #text, p{  
    color:#565A68  
}
```

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 #565A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565A68
}
```

Border

The CSS property to change the border of an element to Hex 565A68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

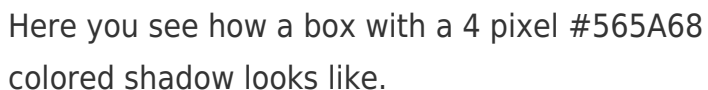
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#565A68 }
```

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

```
.border{ border-color:#565A68 }
```

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



Here you see how a box with a 4 pixel #565A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565A68; -webkit-box-shadow:4px 4px  
4px 4px #565A68; box-shadow:4px 4px 4px  
4px #565A68 }
```

Background

The CSS property to change the background color of an element to Hex 565A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565A68 }
```

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

```
.background{ background-color:#565A68 }
```

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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