

Converting Colors

Hex(566E70)

Have a look what the booklet for
Hex(566E70) contains.

| | |
|--|----|
| Hex(566E70) | 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(566E70)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 566E70 |
| RGB | 86, 110, 112 |
| RGB Percent | 34%, 43%, 44% |
| CMY | 0.6627, 0.5686, 0.5608 |
| CMYK | 0.23, 0.02, 0.00, 0.56 |
| HSL | 185°, 13%, 39% |
| HSV | 185°, 23%, 44% |
| XYZ | 12.3383, 14.3001, 17.4391 |
| YIQ | 103.0520, -14.9460, -4.4660 |

Conversions

Conversions Part 2

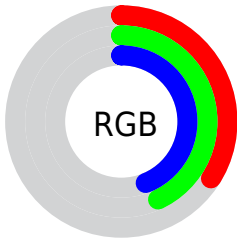
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 86, 98, 112 |
| Decimal | 5664368 |
| CIE Lab | 44.66, -8.30, -4.03 |
| CIE LCh | 45, 9.224, 205.885 |
| Yxy | 14.3001, 0.2799, 0.3244 |
| Android (android.graphics.Color) | 4283854448 (0xFF566E70) |
| YUV | 103.0520, 4.4114, -14.9546 |
| Hunter-Lab | 37.8155, -7.9369, -0.8715 |

Details

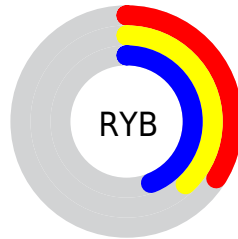
The Hex color **566E70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **705856**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **88A2A4**, and **283E40** is the 20% darker color. If you saturate the color by 10%, you get **4B6D70**, and if you desaturate by 10%, it is **616F70**.

Distribution



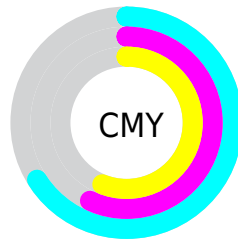
- Red (34%)
- Green (43%)
- Blue (44%)



- Red (34%)
- Yellow (38%)
- Blue (44%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (56%)



- Cyan (66%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566E70 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 566E70 by changing the saturation by 10% instead.

566E70

566E70

FFFFFF

3E5658

88A2A4

283E40

A3BDBF

12282A

BED8DB

001416

DAF5F7

000000

F7FFFF

566E70

566E70

4B6D70

616F70

406C70

6C7070

■ 346B70

■ 787170

■ 296B70

■ 837170

■ 1E6A70

■ 8E7270

■ 136970

■ 997370

■ 086870

■ A47470

■ 006770

■ B07570

■ BB7670

Harmonies

Analogous

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



596E68



566E70



596D76

Triad

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



566E70



736672



71695A

Complementary

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



566E70



705856

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.



77665D



566E70



79646B

Square

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



566E70



6A6877



7A6563



696B5C

Rectangle

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



566E70



5D6B78



7A6563



73685B

Sweetspot

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



566E70



879191



567058



44494A



C9C9C9



4A4A4A

Same Dimension

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



566E70



698E91



566170



323838



006F78



00E4F7

Inverse Universe

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



70566E



91698E



706556



383238



78006F



F700E4

Previews

White Background



This preview shows how the Hex color 566E70 looks on a white background.

Color Contrast Check

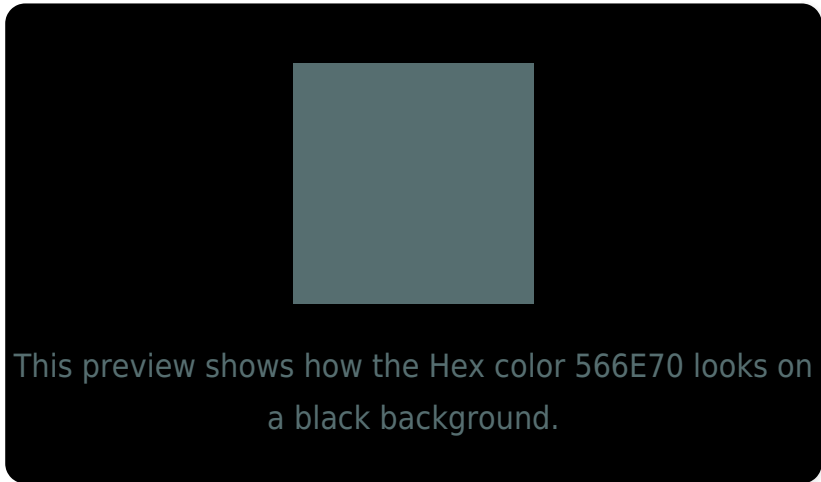
Large Text (above 18pt) WCAG AA ✓ Pass

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

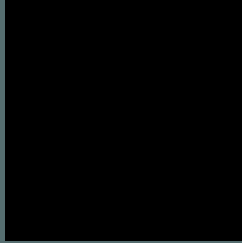
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

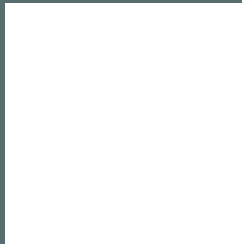
Any Text WCAG AAA × Fail

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

Hex 566E70 Background



This preview shows how black text looks on a background with the Hex color 566E70.

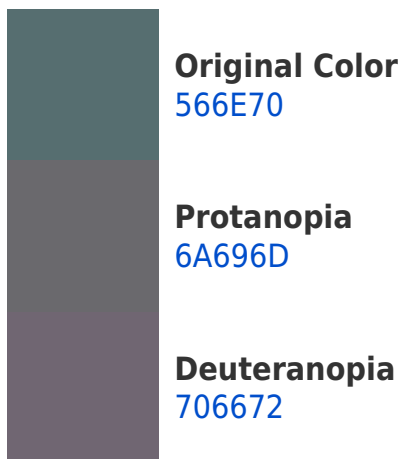



This preview shows how white text looks on a background with the Hex color 566E70.

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](#).

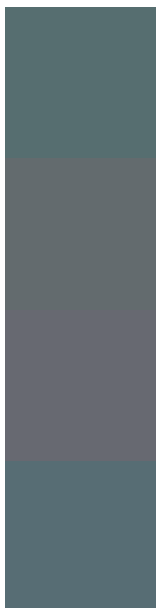
Dichromacy





Tritanopia
576D76

Trichromacy



Original Color

566E70

Protanomaly

636B6E

Deuteranomaly

676971

Tritanomaly

576D74

Monochromacy



Original Color

566E70

Achromatopsia

676767

Achromatomaly

616A6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 566E70 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 #566E70 looks like.

```
.text, #text, p{  
    color:#566E70  
}
```

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 #566E70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566E70
}
```

Border

The CSS property to change the border of an element to Hex 566E70 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
#566E70 }
```

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

```
.border{ border-color:#566E70 }
```

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

Here you see how a box with a 4 pixel #566E70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566E70; -webkit-box-shadow:4px 4px  
4px 4px #566E70; box-shadow:4px 4px 4px  
4px #566E70 }
```

Background

The CSS property to change the background color of an element to Hex 566E70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566E70 }
```

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

```
.background{ background-color:#566E70 }
```

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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