

Converting Colors

Hex(556E76)

Have a look what the booklet for
Hex(556E76) contains.

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Color

Hex(556E76)

Conversions

Conversions Part 1

Format	Color
Hex	556E76
RGB	85, 110, 118
RGB Percent	33%, 43%, 46%
CMY	0.6667, 0.5686, 0.5373
CMYK	0.28, 0.07, 0.00, 0.54
HSL	195°, 16%, 40%
HSV	195°, 28%, 46%
XYZ	12.5923, 14.3912, 19.2536
YIQ	103.4370, -17.4680, -2.8120

Conversions

Conversions Part 2

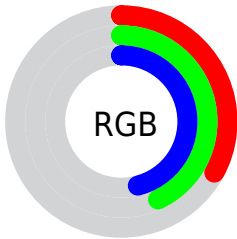
Format	Color
R_{YB}	85, 99, 118
Decimal	5598838
CIE _{Lab}	44.79, -7.13, -7.45
CIE _{LCh}	45, 10.309, 226.265
Yxy	14.3912, 0.2723, 0.3112
Android (android.graphics.Color)	4283788918 (0xFF556E76)
YUV	103.4370, 7.1796, -16.1692
Hunter-Lab	37.9357, -7.1367, -3.5367

Details

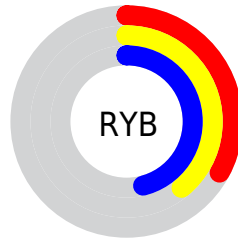
The Hex color **556E76** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **765D55**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **87A2AA**, and **263E46** is the 20% darker color. If you saturate the color by 10%, you get **496B76**, and if you desaturate by 10%, it is **617176**.

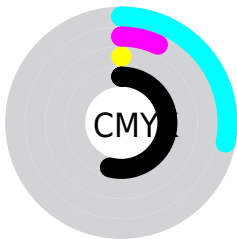
Distribution



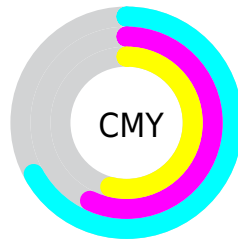
- Red (33%)
- Green (43%)
- Blue (46%)



- Red (33%)
- Yellow (39%)
- Blue (46%)



- Cyan (28%)
- Magenta (7%)
- Yellow (0%)
- Black (54%)



- Cyan (67%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 556E76 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 556E76 by changing the saturation by 10% instead.

■ 556E76

■ 556E76

FFFFFF

■ 3D565D

■ 87A2AA

■ 263E46

■ A2BDC5

■ 10292F

■ BDD8E1

■ 00141B

■ D9F5FE

■ 000000

■ F6FFFF

■ 556E76

■ 556E76

■ 496B76

■ 617176

■ 3D6876

■ 6D7476

■ 326576

■ 787776

■ 266376

■ 847976

■ 1A6076

■ 907C76

■ 0E5D76

■ 9C7F76

■ 025A76

■ A88276

■ 005976

■ B38576

■ BF8876

Harmonies

Analogous

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



546F6E



556E76



5C6C7A

Triad

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



556E76



79646E



6C6B59

Complementary

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



556E76



765D55

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.



756859



556E76



7C6465

Square

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



556E76



716676



7B665E



626D5E

Rectangle

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



556E76



636A7B



7B665E



6F6A59

Sweetspot

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



556E76



8D9699



55765D



454B4D



CCCCCC



4D4D4D

Same Dimension

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



556E76



658C99



555E76



35393B



005D7A



00BDFA

Inverse Universe

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



76556E



99658C



766D55



3B3539



7A005D



FA00BD

Previews

White Background



This preview shows how the Hex color 556E76 looks on a white background.

Color Contrast Check

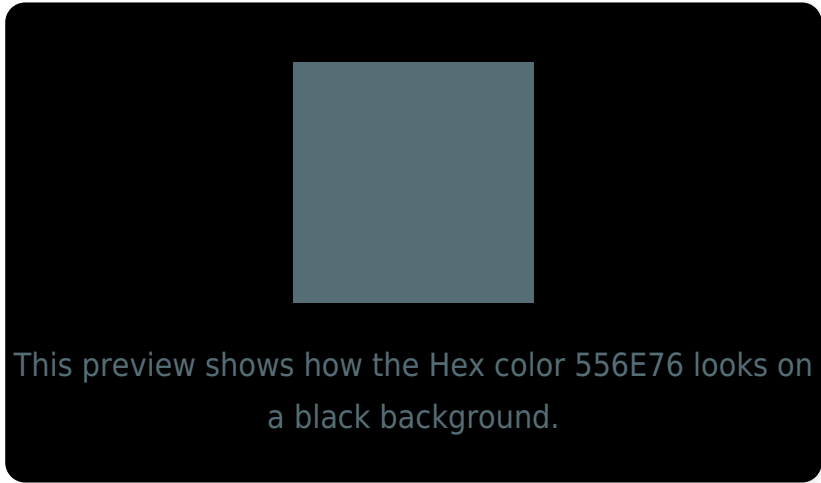
Large Text (above 18pt) WCAG AA ✓ Pass

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

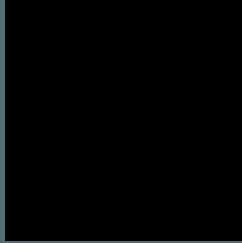
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

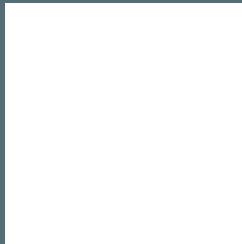
Any Text WCAG AAA × Fail

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

Hex 556E76 Background



This preview shows how black text looks on a background with the Hex color 556E76.

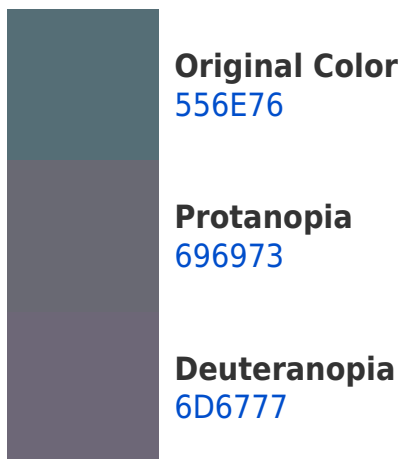


This preview shows how white text looks on a background with the Hex color 556E76.

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](#).

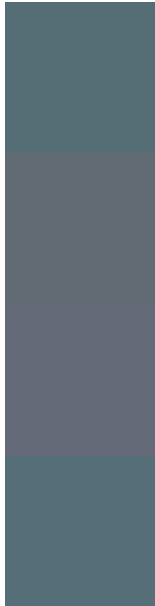
Dichromacy





Tritanopia
556E77

Trichromacy



Original Color
556E76

Protanomaly
626B74

Deuteranomaly
646A77

Tritanomaly
556E77

Monochromacy



Original Color
556E76

Achromatopsia
676767

Achromatomaly
606A6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 556E76 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 #556E76 looks like.

```
.text, #text, p{  
    color:#556E76  
}
```

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 #556E76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556E76  
}
```

Border

The CSS property to change the border of an element to Hex 556E76 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  
#556E76 }
```

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

```
.border{ border-color:#556E76 }
```

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

Here you see how a box with a 4 pixel #556E76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556E76; -webkit-box-shadow:4px 4px  
4px 4px #556E76; box-shadow:4px 4px 4px  
4px #556E76 }
```

Background

The CSS property to change the background color of an element to Hex 556E76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556E76 }
```

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

```
.background{ background-color:#556E76 }
```

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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