

Converting Colors

Hex(556D86)

Have a look what the booklet for
Hex(556D86) contains.

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Color

Hex(556D86)

Conversions

Conversions Part 1

Format	Color
Hex	556D86
RGB	85, 109, 134
RGB Percent	33%, 43%, 53%
CMY	0.6667, 0.5725, 0.4745
CMYK	0.37, 0.19, 0.00, 0.47
HSL	211°, 22%, 43%
HSV	211°, 37%, 53%
XYZ	13.5180, 14.5898, 24.6579
YIQ	104.6740, -22.3290, 2.6870

Conversions

Conversions Part 2

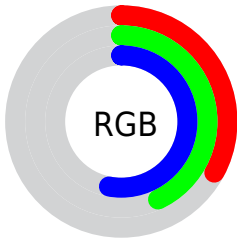
Format	Color
R_{YB}	85, 101, 134
Decimal	5598598
CIE Lab	45.07, -2.23, -16.62
CIE LCh	45, 16.767, 262.365
Yxy	14.5898, 0.2562, 0.2765
Android (android.graphics.Color)	4283788678 (0xFF556D86)
YUV	104.6740, 14.4577, -17.2541
Hunter-Lab	38.1966, -3.6717, -11.5372

Details

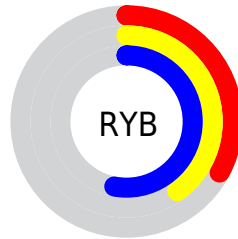
The Hex color **556D86** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **866E55**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **88A0BB**, and **243E54** is the 20% darker color. If you saturate the color by 10%, you get **486686**, and if you desaturate by 10%, it is **627486**.

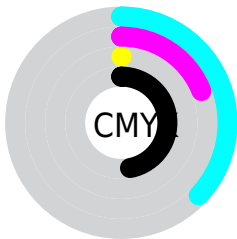
Distribution



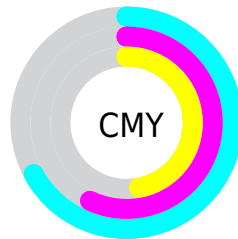
- Red (33%)
- Green (43%)
- Blue (53%)



- Red (33%)
- Yellow (40%)
- Blue (53%)



- Cyan (37%)
- Magenta (19%)
- Yellow (0%)
- Black (47%)



- Cyan (67%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 556D86 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 556D86 by changing the saturation by 10% instead.

■ 556D86

■ 556D86

FFFFFF

■ 3D556D

■ 88A0BB

■ 243E54

■ A3BBD7

■ 0B283D

■ BED7F3

■ 001327

■ DBF3FF

■ 000112

■ F7FFFF

■ 000000

■ 556D86

■ 556D86

■ 486686

■ 627486

■ 3A5F86

■ 707B86

■ 2D5886

■ 7D8286

■ 1F5286

■ 8B8886

■ 124B86

■ 988F86

■ 054486

■ A59686

■ 004286

■ B39D86

■ C0A486

■ CEAB86

Harmonies

Analogous

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



467180



556D86



686884

Triad

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



556D86



876161



5A7059

Complementary

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



556D86



866E55

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.



6A6D51



556D86



836455

Square

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



556D86



84616F



78684F



4B7266

Rectangle

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



556D86



74657F



78684F



5F6F56

Sweetspot

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



556D86



9AA4AD



55866E



4B5157



D6D6D6



575757

Same Dimension

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



556D86



6186AD



555586



3C3F42



004082



000103

Inverse Universe

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



86556D



AD6186



868655



423C3F



820040



030001

Previews

White Background



This preview shows how the Hex color 556D86 looks on a white background.

Color Contrast Check

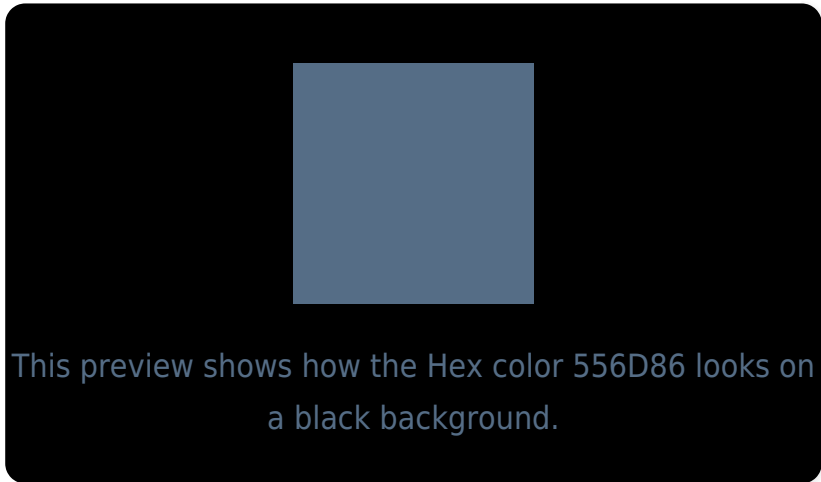
Large Text (above 18pt) WCAG AA ✓ Pass

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

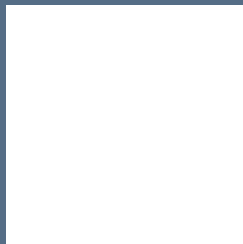
Any Text WCAG AAA × Fail

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

Hex 556D86 Background



This preview shows how black text looks on a background with the Hex color 556D86.



This preview shows how white text looks on a background with the Hex color 556D86.

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
556D86

Protanopia
646983

Deuteranopia
666887



Tritanopia
526F78

Trichromacy



Original Color
556D86

Protanomaly
5F6A84

Deuteranomaly
606A87

Tritanomaly
536E7D

Monochromacy



Original Color
556D86

Achromatopsia
696969

Achromatomaly
626A74

CSS Examples

Text

The CSS property to change the color of the text to Hex 556D86 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 #556D86 looks like.

```
.text, #text, p{  
    color:#556D86  
}
```

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 #556D86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556D86
}
```

Border

The CSS property to change the border of an element to Hex 556D86 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".

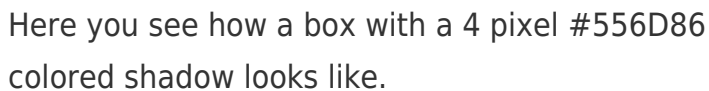
```
.border, #border, table{ border:4px solid
#556D86 }
```

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

```
.border{ border-color:#556D86 }
```

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

Here you see how a box with a 4 pixel #556D86 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556D86; -webkit-box-shadow:4px 4px  
4px 4px #556D86; box-shadow:4px 4px 4px  
4px #556D86 }
```

Background

The CSS property to change the background color of an element to Hex 556D86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556D86 }
```

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

```
.background{ background-color:#556D86 }
```

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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