

Converting Colors

Hex(566676)

Have a look what the booklet for
Hex(566676) contains.

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Color

Hex(566676)

Conversions

Conversions Part 1

Format	Color
Hex	566676
RGB	86, 102, 118
RGB Percent	34%, 40%, 46%
CMY	0.6627, 0.6000, 0.5373
CMYK	0.27, 0.14, 0.00, 0.54
HSL	210°, 16%, 40%
HSV	210°, 27%, 46%
XYZ	11.8591, 12.7892, 18.9831
YIQ	99.0400, -14.6720, 1.5840

Conversions

Conversions Part 2

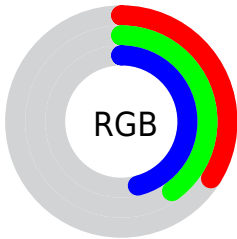
Format	Color
R_{YB}	86, 97, 118
Decimal	5662326
CIE _{Lab}	42.44, -2.07, -10.96
CIE _{LCh}	42, 11.156, 259.329
Yxy	12.7892, 0.2718, 0.2931
Android (android.graphics.Color)	4283852406 (0xFF566676)
YUV	99.0400, 9.3473, -11.4361
Hunter-Lab	35.7620, -3.3905, -6.4388

Details

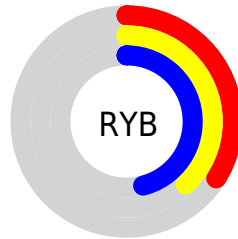
The Hex color **566676** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **766656**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8899AA**, and **273746** is the 20% darker color. If you saturate the color by 10%, you get **4A6076**, and if you desaturate by 10%, it is **626C76**.

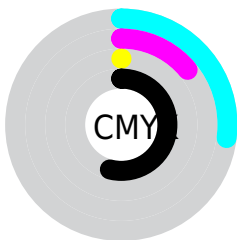
Distribution



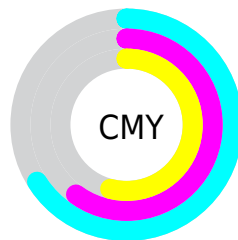
- Red (34%)
- Green (40%)
- Blue (46%)



- Red (34%)
- Yellow (38%)
- Blue (46%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (54%)



- Cyan (66%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566676 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 566676 by changing the saturation by 10% instead.

■ 566676

■ 566676

FFFFFF

■ 3E4E5D

■ 8899AA

■ 273746

■ A3B4C5

■ 12222F

■ BECFE1

■ 000C1B

■ DAEBFE

■ 000000

■ F7FFFF

■ 566676

■ 566676

■ 4A6076

■ 626C76

■ 3E5A76

■ 6E7276

■ 335476

■ 797876

■ 274E76

■ 857E76

■ 1B4976

■ 918476

■ 0F4376

■ 9D8976

■ 033D76

■ A98F76

■ 003B76

■ B49576

■ C09B76

Harmonies

Analogous

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



4E6872



566676



626375

Triad

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



566676



785E5E



5B6858

Complementary

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



566676



766656

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.



656553



566676



756057

Square

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



566676



755E68



6F6252



516960

Rectangle

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



566676



696172



6F6252



5E6756

Sweetspot

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



566676



8D9399



567666



45494D



CCCCCC



4D4D4D

Same Dimension

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



566676



678099



565676



35383B



003D7A



007DFA

Inverse Universe

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



765666



996780



767656



3B3538



7A003D



FA007D

Previews

White Background



This preview shows how the Hex color 566676 looks on a white background.

Color Contrast Check

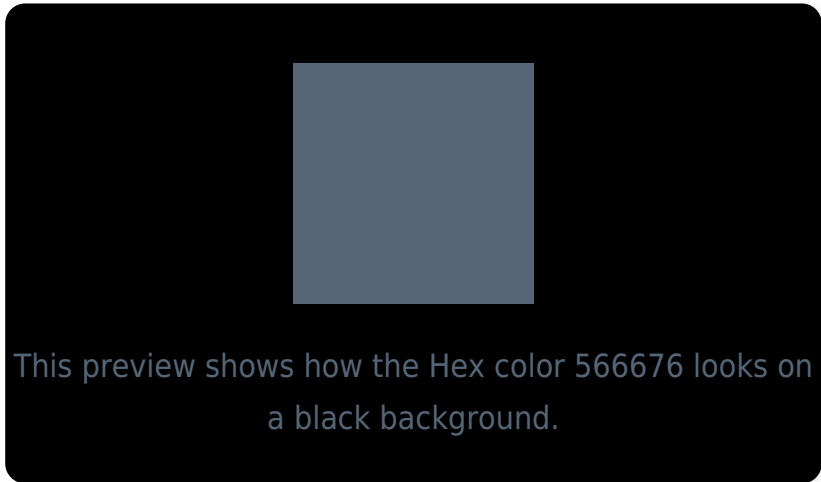
Large Text (above 18pt) WCAG AA ✓ Pass

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

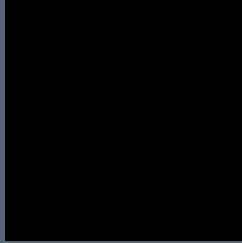
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

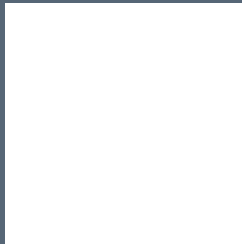
Any Text WCAG AAA × Fail

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

Hex 566676 Background



This preview shows how black text looks on a background with the Hex color 566676.

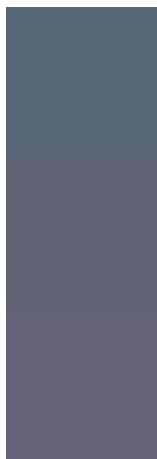


This preview shows how white text looks on a background with the Hex color 566676.

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

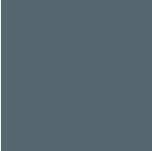
566676

Protanopia

616374

Deuteranopia

646277



Tritanopia
55676F

Trichromacy



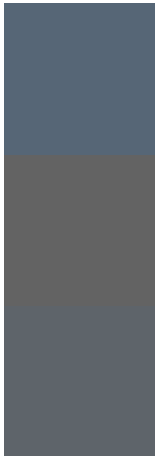
Original Color
566676

Protanomaly
5D6475

Deuteranomaly
5F6377

Tritanomaly
556772

Monochromacy



Original Color
566676

Achromatopsia
636363

Achromatomaly
5E646A

CSS Examples

Text

The CSS property to change the color of the text to Hex 566676 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 #566676 looks like.

```
.text, #text, p{  
    color:#566676  
}
```

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 #566676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566676
}
```

Border

The CSS property to change the border of an element to Hex 566676 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
#566676 }
```

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

```
.border{ border-color:#566676 }
```

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

Here you see how a box with a 4 pixel #566676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566676; -webkit-box-shadow:4px 4px  
4px 4px #566676; box-shadow:4px 4px 4px  
4px #566676 }
```

Background

The CSS property to change the background color of an element to Hex 566676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566676 }
```

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

```
.background{ background-color:#566676 }
```

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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