

Converting Colors

Hex(566476)

Have a look what the booklet for
Hex(566476) contains.

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Color

Hex(566476)

Conversions

Conversions Part 1

Format	Color
Hex	566476
RGB	86, 100, 118
RGB Percent	34%, 39%, 46%
CMY	0.6627, 0.6078, 0.5373
CMYK	0.27, 0.15, 0.00, 0.54
HSL	214°, 16%, 40%
HSV	214°, 27%, 46%
XYZ	11.6649, 12.4008, 18.9183
YIQ	97.8660, -14.1220, 2.6300

Conversions

Conversions Part 2

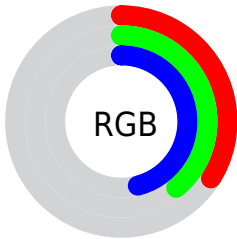
Format	Color
R_{YB}	86, 96, 118
Decimal	5661814
CIE Lab	41.85, -0.86, -11.87
CIE LCh	42, 11.898, 265.852
Yxy	12.4008, 0.2714, 0.2885
Android (android.graphics.Color)	4283851894 (0xFF566476)
YUV	97.8660, 9.9261, -10.4065
Hunter-Lab	35.2147, -2.4974, -7.2019

Details

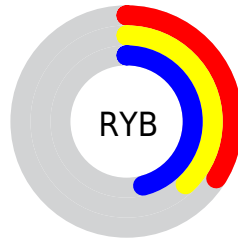
The Hex color **566476** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **766856**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8897AA**, and **283646** is the 20% darker color. If you saturate the color by 10%, you get **4A5D76**, and if you desaturate by 10%, it is **626B76**.

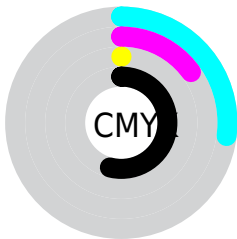
Distribution



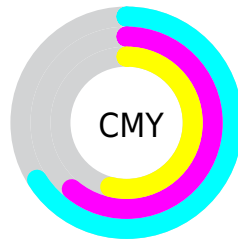
- Red (34%)
- Green (39%)
- Blue (46%)



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



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)
- Black (54%)



- Cyan (66%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566476 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 566476 by changing the saturation by 10% instead.

■ 566476

■ 566476

FFFFFF

■ 3E4C5D

■ 8897AA

■ 283646

■ A3B1C5

■ 12202F

■ BECDE1

■ 00091B

■ DAE9FE

■ 000000

■ F7FFFF

■ 566476

■ 566476

■ 4A5D76

■ 626B76

■ 3E5776

■ 6E7176

■ 335076

■ 797876

■ 274976

■ 857F76

■ 1B4376

■ 918576

■ 0F3C76

■ 9D8C76

■ 033676

■ A99276

■ 003476

■ B49976

■ C0A076

Harmonies

Analogous

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



4C6773



566476



636174

Triad

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



566476



775C5B



566758

Complementary

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



566476



766856

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.



616551



566476



745E53

Square

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



566476



755C64



6C624F



4D6861

Rectangle

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



566476



6B5F70



6C624F



5A6655

Sweetspot

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



566476



8D9299



567668



45484D



CCCCCC



4D4D4D

Same Dimension

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



566476



677D99



585676



35373B



00367A



006DFA

Inverse Universe

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



765664



99677D



747656



3B3537



7A0036



FA006D

Previews

White Background



This preview shows how the Hex color 566476 looks on a white background.

Color Contrast Check

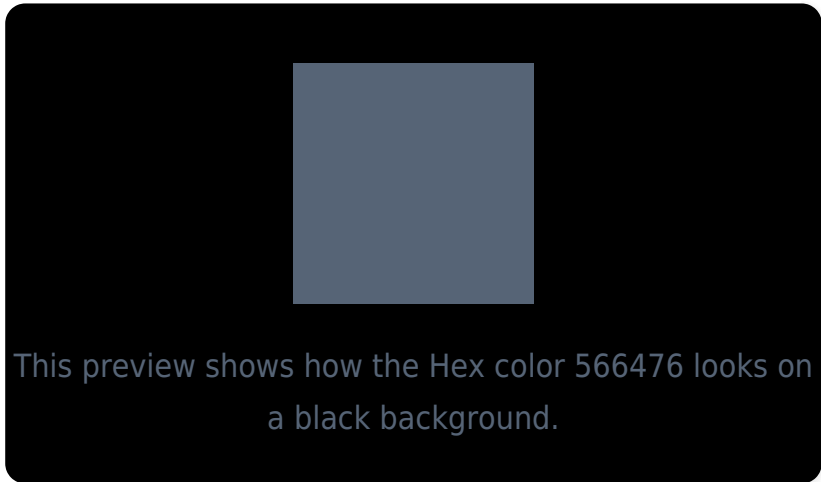
Large Text (above 18pt) WCAG AA ✓ Pass

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

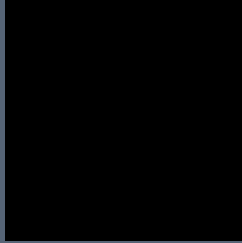
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

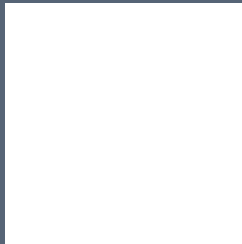
Any Text WCAG AAA × Fail

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

Hex 566476 Background



This preview shows how black text looks on a background with the Hex color 566476.

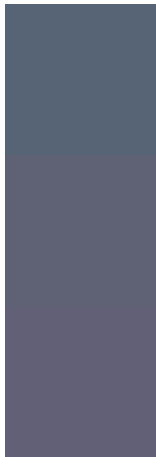


This preview shows how white text looks on a background with the Hex color 566476.

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](#).

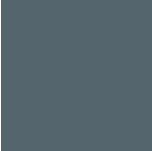
Dichromacy



Original Color
566476

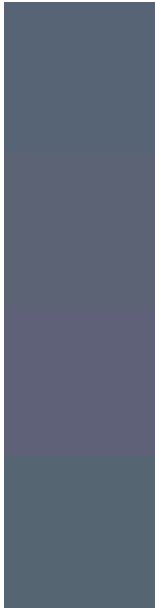
Protanopia
5F6274

Deuteranopia
626077



Tritanopia
54656E

Trichromacy



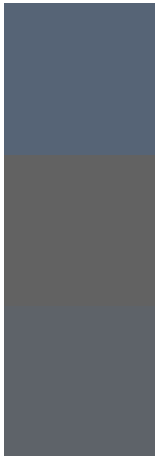
Original Color
566476

Protanomaly
5C6375

Deuteranomaly
5E6177

Tritanomaly
556571

Monochromacy



Original Color
566476

Achromatopsia
626262

Achromatomaly
5E6369

CSS Examples

Text

The CSS property to change the color of the text to Hex 566476 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 #566476 looks like.

```
.text, #text, p{  
    color:#566476  
}
```

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 #566476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566476
}
```

Border

The CSS property to change the border of an element to Hex 566476 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
#566476 }
```

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

```
.border{ border-color:#566476 }
```

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

Here you see how a box with a 4 pixel #566476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566476; -webkit-box-shadow:4px 4px  
4px 4px #566476; box-shadow:4px 4px 4px  
4px #566476 }
```

Background

The CSS property to change the background color of an element to Hex 566476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566476 }
```

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

```
.background{ background-color:#566476 }
```

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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