

Converting Colors

Hex(566100)

Have a look what the booklet for
Hex(566100) contains.

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Color

Hex(566100)

Conversions

Conversions Part 1

Format	Color
Hex	566100
RGB	86, 97, 0
RGB Percent	34%, 38%, 0%
CMY	0.6627, 0.6196, 1.0000
CMYK	0.11, 0.00, 1.00, 0.62
HSL	67°, 100%, 19%
HSV	67°, 100%, 38%
XYZ	8.1124, 10.5278, 1.6045
YIQ	82.6530, 24.5810, -32.4990

Conversions

Conversions Part 2

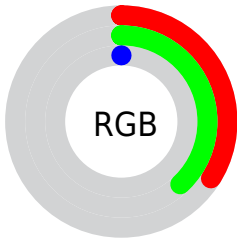
Format	Color
RYB	0, 97, 11
Decimal	5660928
CIELab	38.77, -15.95, 45.40
CIELCh	39, 48.123, 109.354
Yxy	10.5278, 0.4007, 0.5200
Android (android.graphics.Color)	4283851008 (0xFF566100)
YUV	82.6530, -40.7479, 2.9353
Hunter-Lab	32.4466, -12.1522, 19.7807

Details

The Hex color **566100** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0B0061**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8B9339**, and **243300** is the 20% darker color. If you saturate the color by 10%, you get **566100**, and if you desaturate by 10%, it is **57610A**.

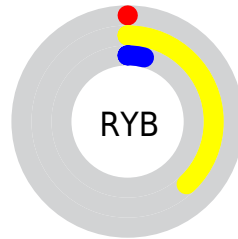
Distribution



Red (34%)

Green (38%)

Blue (0%)



Red (0%)

Yellow (38%)

Blue (4%)

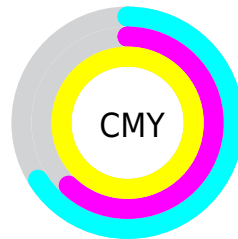


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (66%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 566100 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 566100 by changing the saturation by 10% instead.

 566100

 566100

 FFFFF6

 3D4900

 8B9339

 243300

 A6AE53

 081E00

 C2C96C

 000000

 DFE587

 FCFFA2

 FFFFBD

 FFFFD9

 566100

 57610A

 586113

 59611D

 5A6127

 5B6131

 5D613A

 5E6144

 5F614E

 606157

Harmonies

Analogous

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



7A5500



566100



236924

Triad

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



566100



006B96



9A356B

Complementary

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



566100



0B0061

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.



7C458F



566100



0064A8

Square

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



566100



006D74



3D57A5



A13544

Rectangle

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



566100



006C3E



3D57A5



933978

Sweetspot

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



566100



797D57



610A00



3D4029



BFBFBF



404040

Same Dimension

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



566100



6F7D00



276100



30302C



637000



D5F000

Inverse Universe

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



0B0061



0E007D



3A0061



2C2C30



0D0070



1B00F0

Previews

White Background



This preview shows how the Hex color 566100 looks on a white background.

Color Contrast Check

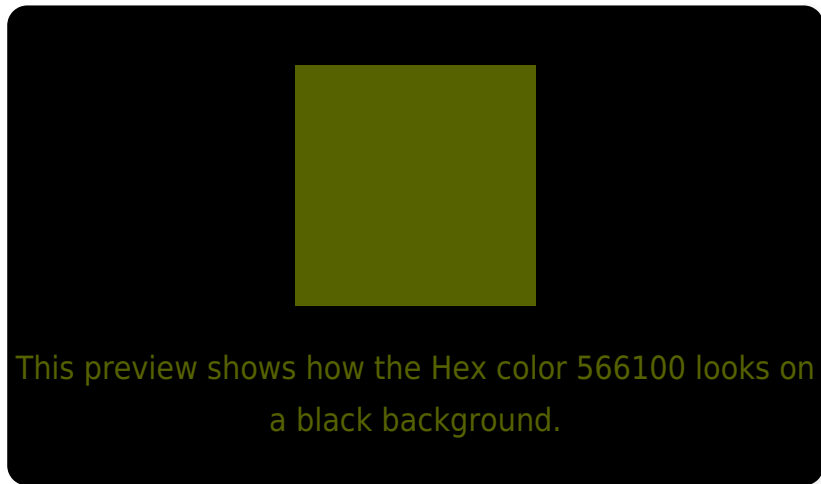
Large Text (above 18pt) WCAG AA ✓ Pass

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

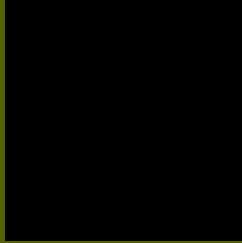
Any Text WCAG AA × Fail

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 566100 Background



This preview shows how black text looks on a background with the Hex color 566100.



This preview shows how white text looks on a background with the Hex color 566100.

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
566100

Protanopia
675C00

Deuteranopia
735710



Tritanopia
5D5A61

Trichromacy



Original Color
566100

Protanomaly
615E00

Deuteranomaly
685B0A

Tritanomaly
5A5D3E

Monochromacy



Original Color
566100

Achromatopsia
535353

Achromatomaly
545835

CSS Examples

Text

The CSS property to change the color of the text to Hex 566100 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 #566100 looks like.

```
.text, #text, p{  
    color:#566100  
}
```

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 #566100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566100
}
```

Border

The CSS property to change the border of an element to Hex 566100 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
#566100 }
```

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

```
.border{ border-color:#566100 }
```

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

Here you see how a box with a 4 pixel #566100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566100; -webkit-box-shadow:4px 4px  
4px 4px #566100; box-shadow:4px 4px 4px  
4px #566100 }
```

Background

The CSS property to change the background color of an element to Hex 566100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566100 }
```

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

```
.background{ background-color:#566100 }
```

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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