

# Converting Colors

Hex(566200)

Have a look what the booklet for  
Hex(566200) contains.

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**Color**

**Hex(566200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	566200
RGB	86, 98, 0
RGB Percent	34%, 38%, 0%
CMY	0.6627, 0.6157, 1.0000
CMYK	0.12, 0.00, 1.00, 0.62
HSL	67°, 100%, 19%
HSV	67°, 100%, 38%
XYZ	8.2054, 10.7138, 1.6355
YIQ	83.2400, 24.3060, -33.0220

# Conversions

## Conversions Part 2

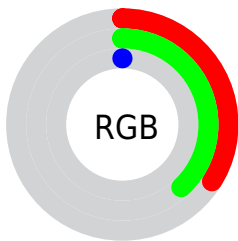
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 98, 12</a>
Decimal	<a href="#">5661184</a>
CIELab	<a href="#">39.09, -16.49, 45.64</a>
CIELCh	<a href="#">39, 48.531, 109.867</a>
Yxy	<a href="#">10.7138, 0.3992, 0.5212</a>
Android (android.graphics.Color)	<a href="#">4283851264</a> ( <a href="#">0xFF566200</a> )
YUV	<a href="#">83.2400, -41.0373, 2.4205</a>
Hunter-Lab	<a href="#">32.7319, -12.5335, 19.9498</a>

# Details

The Hex color **566200** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0C0062**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **8B953A**, and **243400** is the 20% darker color. If you saturate the color by 10%, you get **566200**, and if you desaturate by 10%, it is **57620A**.

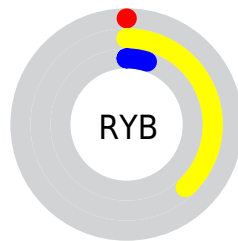
# Distribution



Red (34%)

Green (38%)

Blue (0%)



Red (0%)

Yellow (38%)

Blue (5%)

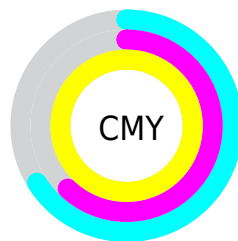


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (66%)

Magenta (62%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 566200 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 566200 by changing the saturation by 10% instead.



 566200

 566200

 FFFFF7

 3D4A00

 8B953A

 243400

 A6AF53

 081F00

 C2CB6D

 000000

 DFE787

 FCFFA2

 FFFFBE

 FFFFDA

 566200

 57620A

 586214

 5A621D


 5B6227

 5C6231

 5D623B

 5E6245

 60624E

 616258

# Harmonies

## Analogous

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



7A5500



566200



226A25

# Triad

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



566200



006C98



9C366B

# Complementary

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



566200



0C0062

# 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.



7E458F



566200



0065AA

# Square

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



566200



006E76



3F57A7



A23644

# Rectangle

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



566200



006D3F



3F57A7



953A78



# Sweetspot

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



566200



7B8059



620B00



3D4029



BFBFBF



404040



# Same Dimension

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



566200



708000



266200



30302C



627000



D2F000



# Inverse Universe

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



0C0062



100080



3C0062



2C2C30



0E0070



1D00F0



# Previews

## White Background



This preview shows how the Hex color 566200 looks on a white background.

## Color Contrast Check

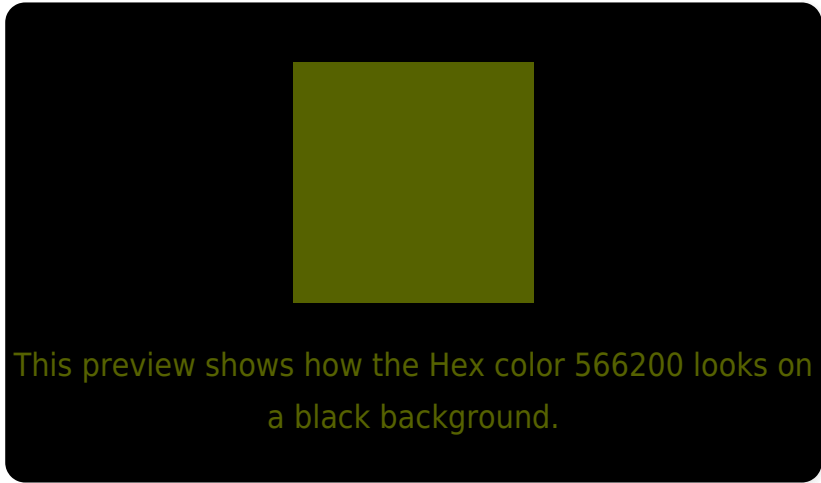
Large Text (above 18pt) WCAG AA ✓ Pass

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

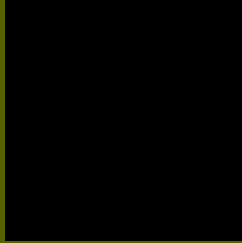
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 566200 Background



This preview shows how black text looks on a background with the Hex color 566200.



This preview shows how white text looks on a background with the Hex color 566200.

# 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**  
566200

**Protanopia**  
685C00

**Deuteranopia**  
745711



**Tritanopia**  
5D5B62

# Trichromacy



**Original Color**  
566200

**Protanomaly**  
615E00

**Deuteranomaly**  
695B0B

**Tritanomaly**  
5A5E3E

# Monochromacy



**Original Color**  
566200

**Achromatopsia**  
535353

**Achromatomaly**  
545835

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 566200 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 #566200 looks like.

```
.text, #text, p{  
    color:#566200  
}
```

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 #566200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #566200
}
```

## Border

The CSS property to change the border of an element to Hex 566200 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
#566200 }
```

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

```
.border{ border-color:#566200 }
```

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

Here you see how a box with a 4 pixel #566200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #566200; -webkit-box-shadow:4px 4px  
4px 4px #566200; box-shadow:4px 4px 4px  
4px #566200 }
```

# Background

The CSS property to change the background color of an element to Hex 566200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#566200 }
```

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

```
.background{ background-color:#566200 }
```

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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