

Converting Colors

Hex(556800)

Have a look what the booklet for
Hex(556800) contains.

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Color

Hex(556800)

Conversions

Conversions Part 1

Format	Color
Hex	556800
RGB	85, 104, 0
RGB Percent	33%, 41%, 0%
CMY	0.6667, 0.5922, 1.0000
CMYK	0.18, 0.00, 1.00, 0.59
HSL	71°, 100%, 20%
HSV	71°, 100%, 41%
XYZ	8.6966, 11.8319, 1.8254
YIQ	86.4630, 22.0600, -36.3720

Conversions

Conversions Part 2

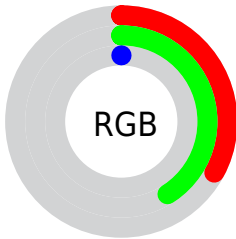
Format	Color
RYB	0, 104, 19
Decimal	5597184
CIELab	40.95, -20.16, 47.00
CIELCh	41, 51.139, 113.215
Yxy	11.8319, 0.3890, 0.5293
Android (android.graphics.Color)	4283787264 (0xFF556800)
YUV	86.4630, -42.6263, -1.2831
Hunter-Lab	34.3976, -15.0661, 20.9319

Details

The Hex color **556800** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **130068**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8A9B3B**, and **233900** is the 20% darker color. If you saturate the color by 10%, you get **556800**, and if you desaturate by 10%, it is **57680A**.

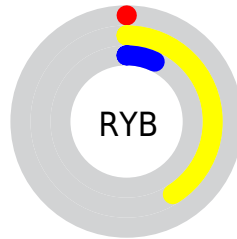
Distribution



Red (33%)

Green (41%)

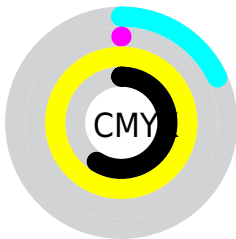
Blue (0%)



Red (0%)

Yellow (41%)

Blue (7%)

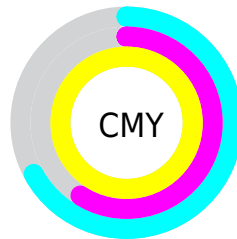


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (67%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 556800 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 556800 by changing the saturation by 10% instead.

 556800

 556800

 FFFFF9

 3C5000

 8A9B3B

 233900

 A5B655

 072300

 C1D26E

 000600

 DEEE89

 000000

 FBFFA4

 FFFFC0

 FFFFDC

 556800

 57680A

 596815

 5B681F

 5D682A

 5E6834

 60683E

 626849

 646853

 66685E

Harmonies

Analogous

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



7C5B00



556800



16702B

Triad

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



556800



0071A3



A6366C

Complementary

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



556800



130068

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.



894693



556800



0068B4

Square

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



556800



007480



4C5AAE



AA3942

Rectangle

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



556800



007247



4C5AAE



A03A7A

Sweetspot

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



556800



80875F



681100



40452C



C4C4C4



454545

Same Dimension

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



556800



6E8700



236800



32332E



5E7300



C6F200

Inverse Universe

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



130068



190087



450068



2F2E33



150073



2C00F2

Previews

White Background



This preview shows how the Hex color 556800 looks on a white background.

Color Contrast Check

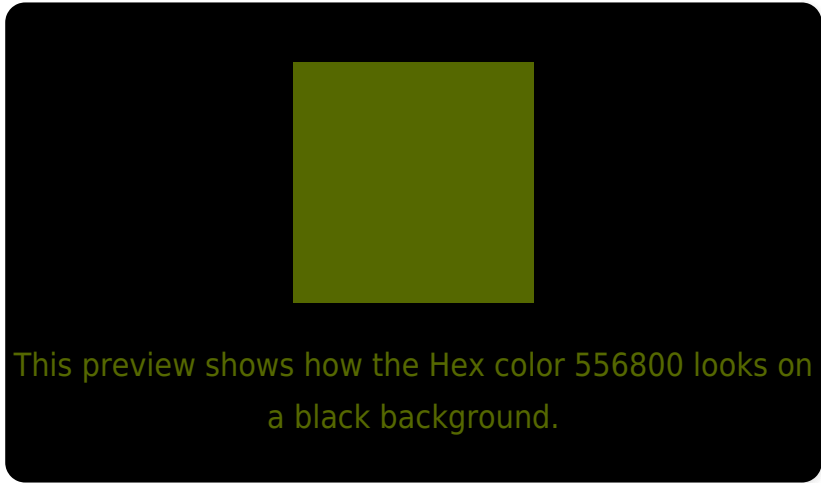
Large Text (above 18pt) WCAG AA ✓ Pass

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

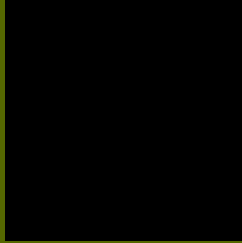
Any Text WCAG AA × Fail

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 556800 Background



This preview shows how black text looks on a background with the Hex color 556800.



This preview shows how white text looks on a background with the Hex color 556800.

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
556800

Protanopia
6D6100

Deuteranopia
7A5C12



Tritanopia
5E6168

Trichromacy



Original Color
556800

Protanomaly
646400

Deuteranomaly
6D600B

Tritanomaly
5B6442

Monochromacy



Original Color
556800

Achromatopsia
565656

Achromatomaly
565D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 556800 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 #556800 looks like.

```
.text, #text, p{  
    color:#556800  
}
```

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 #556800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556800
}
```

Border

The CSS property to change the border of an element to Hex 556800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

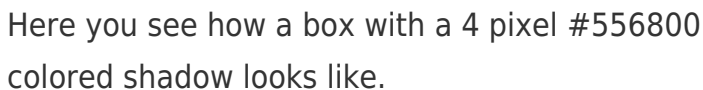
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#556800 }
```

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

```
.border{ border-color:#556800 }
```

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



Here you see how a box with a 4 pixel #556800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556800; -webkit-box-shadow:4px 4px  
4px 4px #556800; box-shadow:4px 4px 4px  
4px #556800 }
```

Background

The CSS property to change the background color of an element to Hex 556800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556800 }
```

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

```
.background{ background-color:#556800 }
```

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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