

Converting Colors

Hex(005108)

Have a look what the booklet for
Hex(005108) contains.

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Color

Hex(005108)

Conversions

Conversions Part 1

Format	Color
Hex	005108
RGB	0, 81, 8
RGB Percent	0%, 32%, 3%
CMY	1.0000, 0.6824, 0.9686
CMYK	1.00, 0.00, 0.90, 0.68
HSL	126°, 100%, 16%
HSV	126°, 100%, 32%
XYZ	2.9863, 5.9024, 1.2116
YIQ	48.4590, -24.8430, -39.8750

Conversions

Conversions Part 2

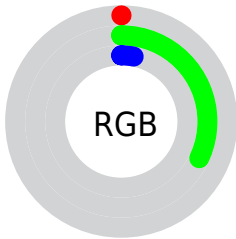
Format	Color
RYB	0, 74, 81
Decimal	20744
CIELab	29.16, -36.90, 33.22
CIELCh	29, 49.652, 138.007
Yxy	5.9024, 0.2957, 0.5844
Android (android.graphics.Color)	4278210824 (0xFF005108)
YUV	48.4590, -19.9463, -42.4985
Hunter-Lab	24.2948, -20.5752, 14.0495

Details

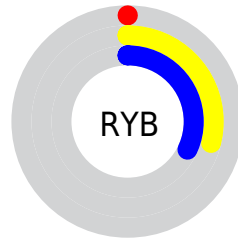
The Hex color **005108** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **510049**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **408339**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **005108**, and if you desaturate by 10%, it is **08510F**.

Distribution



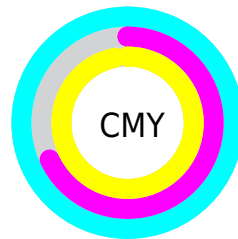
- Red (0%)
- Green (32%)
- Blue (3%)



- Red (0%)
- Yellow (29%)
- Blue (32%)



- Cyan (100%)
- Magenta (0%)
- Yellow (90%)
- Black (68%)



- Cyan (100%)
- Magenta (68%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005108 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 005108 by changing the saturation by 10% instead.

 005108

 005108

 FFFFF3

 003900

 408339

 002500

 5B9E51

 000000

 75B96A

 90D584

 ACF29F

 C8FFBA

 E5FFD6

 005108

■ 08510F

■ 105117

■ 18511E

■ 205125

■ 29512D

■ 315134

■ 39513B

■ 415142

■ 49514A

Harmonies

Analogous

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



3F4A00



005108



005433

Triad

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



005108



004E91



871630

Complementary

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



005108



510049

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.



801756



005108



0F418F

Square

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



005108



00547E



622E79



7A2B09

Rectangle

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



005108



00554E



622E79



87123C

Sweetspot

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



005108



49694C



4A5100



223624



B5B5B5



363636

Same Dimension

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



005108



00690A



00512F



252925



00E817

Inverse Universe

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



510049



69005E



510022



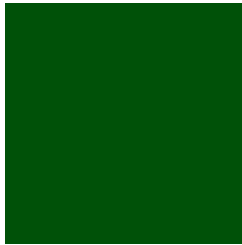
292528



E800D1

Previews

White Background



This preview shows how the Hex color 005108 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

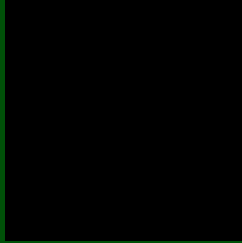
Any Text WCAG AA × Fail

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 005108 Background



This preview shows how black text looks on a background with the Hex color 005108.



This preview shows how white text looks on a background with the Hex color 005108.

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
005108

Protanopia
4E4500

Deuteranopia
574213



Tritanopia
224B51

Trichromacy



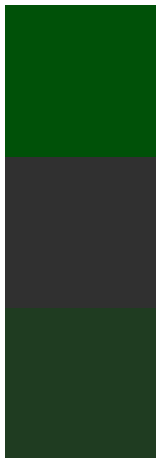
Original Color
005108

Protanomaly
324903

Deuteranomaly
37470F

Tritanomaly
164D36

Monochromacy



Original Color
005108

Achromatopsia
303030

Achromatomaly
1F3C21

CSS Examples

Text

The CSS property to change the color of the text to Hex 005108 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 #005108 looks like.

```
.text, #text, p{  
    color:#005108  
}
```

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 #005108 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005108
}
```

Border

The CSS property to change the border of an element to Hex 005108 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
#005108 }
```

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

```
.border{ border-color:#005108 }
```

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

Here you see how a box with a 4 pixel #005108 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005108; -webkit-box-shadow:4px 4px  
4px 4px #005108; box-shadow:4px 4px 4px  
4px #005108 }
```

Background

The CSS property to change the background color of an element to Hex 005108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005108 }
```

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

```
.background{ background-color:#005108 }
```

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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