

Converting Colors

Hex(107456)

Have a look what the booklet for
Hex(107456) contains.

Hex(107456)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(107456)

Conversions

Conversions Part 1

Format	Color
Hex	107456
RGB	16, 116, 86
RGB Percent	6%, 45%, 34%
CMY	0.9373, 0.5451, 0.6627
CMYK	0.86, 0.00, 0.26, 0.55
HSL	162°, 76%, 26%
HSV	162°, 86%, 45%
XYZ	8.1388, 13.2728, 10.9371
YIQ	82.6800, -49.9700, -30.5300

Conversions

Conversions Part 2

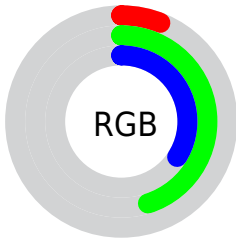
Format	Color
RYB	16, 75, 116
Decimal	1078358
CIELab	43.17, -34.67, 9.05
CIELCh	43, 35.829, 165.370
Yxy	13.2728, 0.2516, 0.4103
Android (android.graphics.Color)	4279268438 (0xFF107456)
YUV	82.6800, 1.6368, -58.4784
Hunter-Lab	36.4319, -23.8794, 7.7031

Details

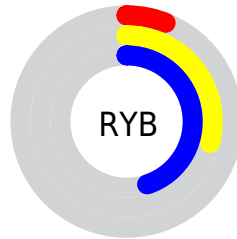
The Hex color **107456** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **74102E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **50A988**, and **004329** is the 20% darker color. If you saturate the color by 10%, you get **047453**, and if you desaturate by 10%, it is **1C7459**.

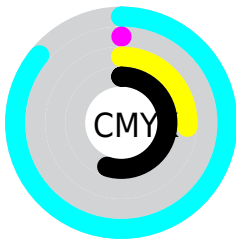
Distribution



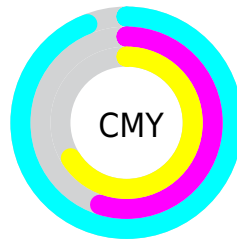
- Red (6%)
- Green (45%)
- Blue (34%)



- Red (6%)
- Yellow (29%)
- Blue (45%)



- Cyan (86%)
- Magenta (0%)
- Yellow (26%)
- Black (55%)



- Cyan (94%)
- Magenta (55%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 107456 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 107456 by changing the saturation by 10% instead.

 107456

 107456

FFFFFF

 005B3F

 50A988

 004329

 6CC4A2

 002C14

 88E1BD

 001300

 A4FDD9

 000000

 C0FFF5

 D0FFFF

 FAFFFF

 107456

 107456

■ 047453

■ 1C7459

■ 007451

■ 27745D

■ 337460

■ 3E7464

■ 4A7467

■ 56746B

■ 61746E

■ 6D7472

■ 787475

Harmonies

Analogous

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



47703B



107456



007575

Triad

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



107456



50649F



97543D

Complementary

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



107456



74102E

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.



9E4D58



107456



7C5890

Square

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



107456



006D9F



954F76



845F2C

Rectangle

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



107456



007487



954F76



9B5145

Sweetspot

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



107456



6F968B



2E7410



354D45



CCCCCC



4D4D4D

Same Dimension

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



107456



009669



106074



353B39



007A56



00FAAF

Inverse Universe

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



74102E



96002D



742410



3B3537



7A0025



FA004B

Previews

White Background



This preview shows how the Hex color 107456 looks on a white background.

Color Contrast Check

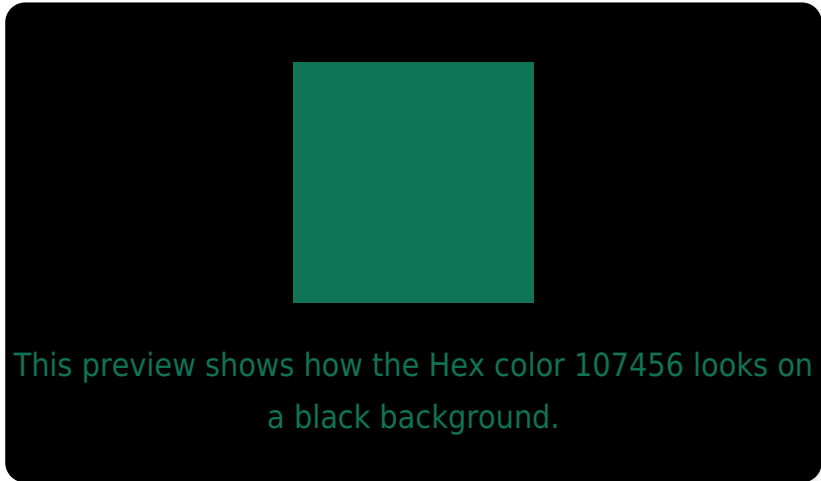
Large Text (above 18pt) WCAG AA ✓ Pass

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

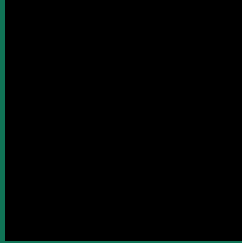
Any Text WCAG AA × Fail

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 107456 Background



This preview shows how black text looks on a background with the Hex color 107456.



This preview shows how white text looks on a background with the Hex color 107456.

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
107456

Protanopia
6C654F

Deuteranopia
74625A



Tritanopia
286F79

Trichromacy



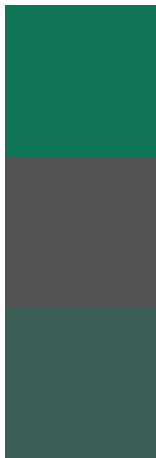
Original Color
107456

Protanomaly
4B6A52

Deuteranomaly
506959

Tritanomaly
1F716C

Monochromacy



Original Color
107456

Achromatopsia
535353

Achromatomaly
3B5F54

CSS Examples

Text

The CSS property to change the color of the text to Hex 107456 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 #107456 looks like.

```
.text, #text, p{  
    color:#107456  
}
```

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 #107456 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #107456
}
```

Border

The CSS property to change the border of an element to Hex 107456 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
#107456 }
```

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

```
.border{ border-color:#107456 }
```

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

Here you see how a box with a 4 pixel #107456 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #107456; -webkit-box-shadow:4px 4px  
4px 4px #107456; box-shadow:4px 4px 4px  
4px #107456 }
```

Background

The CSS property to change the background color of an element to Hex 107456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#107456 }
```

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

```
.background{ background-color:#107456 }
```

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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