

Converting Colors

Hex(768F36)

Have a look what the booklet for
Hex(768F36) contains.

Hex(768F36)	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(768F36)

Conversions

Conversions Part 1

Format	Color
Hex	768F36
RGB	118, 143, 54
RGB Percent	46%, 56%, 21%
CMY	0.5373, 0.4392, 0.7882
CMYK	0.17, 0.00, 0.62, 0.44
HSL	77°, 45%, 39%
HSV	77°, 62%, 56%
XYZ	17.9595, 23.7628, 7.1301
YIQ	125.3790, 13.6690, -32.9790

Conversions

Conversions Part 2

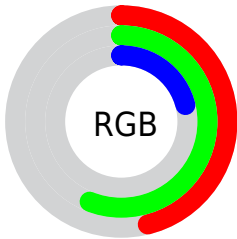
Format	Color
RYB	54, 143, 79
Decimal	7769910
CIELab	55.85, -22.78, 43.26
CIELCh	56, 48.895, 117.768
Yxy	23.7628, 0.3676, 0.4864
Android (android.graphics.Color)	4285959990 (0xFF768F36)
YUV	125.3790, -35.1898, -6.4714
Hunter-Lab	48.7471, -19.5441, 25.4508

Details

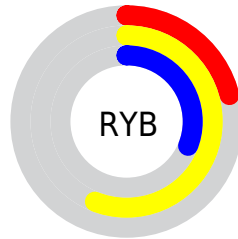
The Hex color **768F36** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4F368F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **ACC569**, and **425D00** is the 20% darker color. If you saturate the color by 10%, you get **728F28**, and if you desaturate by 10%, it is **7A8F44**.

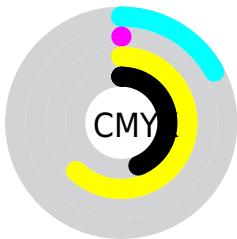
Distribution



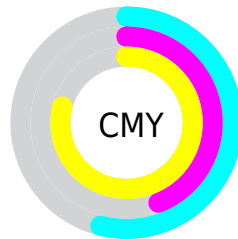
- Red (46%)
- Green (56%)
- Blue (21%)



- Red (21%)
- Yellow (56%)
- Blue (31%)



- Cyan (17%)
- Magenta (0%)
- Yellow (62%)
- Black (44%)



- Cyan (54%)
- Magenta (44%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768F36 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 768F36 by changing the saturation by 10% instead.

 768F36

 768F36

FFFFFF

 5C751C

 ACC569

 425D00

 C8E183

 2B4500

 E5FD9E

 102E00

 FFFFB9

 001C00

 FFFFD5

 000000

 FFFFF2

 768F36

 768F36

 728F28

 7A8F44

 6E8F19

 7E8F53

 6A8F0B

 828F61

 678F00

 868F6F

 8A8F7E

 8E8F8C

 928F9A

 968FA8

 9A8FB7

Harmonies

Analogous

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



A0832C



768F36



3D9757

Triad

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



768F36



0096CD



D1608B

Complementary

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



768F36



4F368F

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.



B76BB4



768F36



0B8BDB

Square

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



768F36



009AAC



827CD1



D36461

Rectangle

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



768F36



009A72



827CD1



CB6299

Sweetspot

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



768F36



B0BA97



8F4E36



585E49



DEDEDE



5E5E5E

Same Dimension

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



768F36



93BA2F



4B8F36



454740



618700



060800

Inverse Universe

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



4F368F



562FBA



7A368F



424047



260087



020008

Previews

White Background



This preview shows how the Hex color 768F36 looks on a white background.

Color Contrast Check

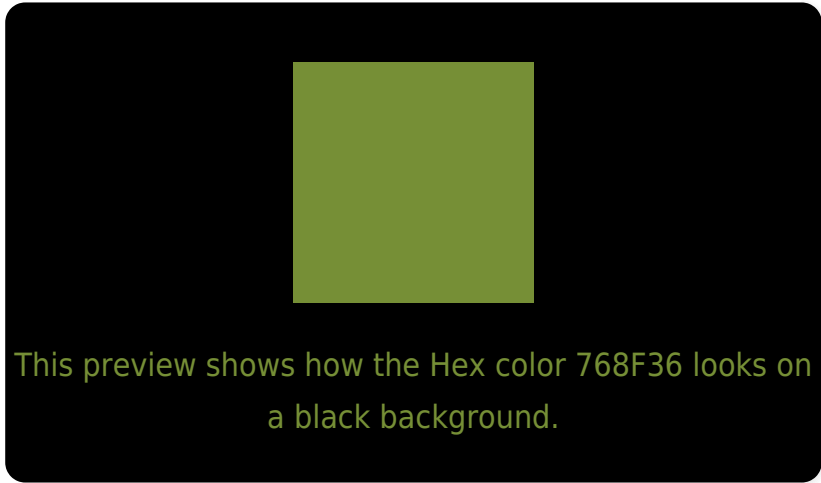
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

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

Hex 768F36 Background



This preview shows how black text looks on a background with the Hex color 768F36.



This preview shows how white text looks on a background with the Hex color 768F36.

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



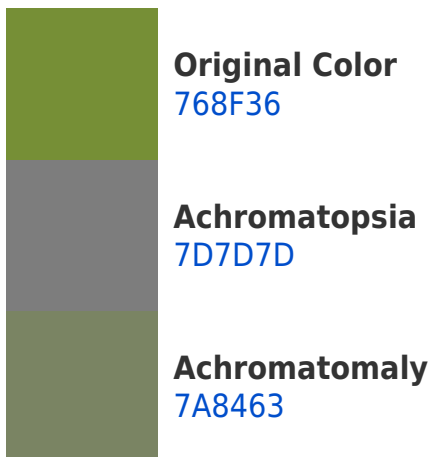


Tritanopia
808691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 768F36 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 #768F36 looks like.

```
.text, #text, p{  
    color:#768F36  
}
```

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 #768F36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768F36
}
```

Border

The CSS property to change the border of an element to Hex 768F36 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
#768F36 }
```

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

```
.border{ border-color:#768F36 }
```

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

Here you see how a box with a 4 pixel #768F36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768F36; -webkit-box-shadow:4px 4px  
4px 4px #768F36; box-shadow:4px 4px 4px  
4px #768F36 }
```

Background

The CSS property to change the background color of an element to Hex 768F36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768F36 }
```

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

```
.background{ background-color:#768F36 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor