

Converting Colors

Hex(3F4600)

Have a look what the booklet for
Hex(3F4600) contains.

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Color

Hex(3F4600)

Conversions

Conversions Part 1

Format	Color
Hex	3F4600
RGB	63, 70, 0
RGB Percent	25%, 27%, 0%
CMY	0.7529, 0.7255, 1.0000
CMYK	0.10, 0.00, 1.00, 0.73
HSL	66°, 100%, 14%
HSV	66°, 100%, 27%
XYZ	4.2401, 5.4371, 0.8260
YIQ	59.9270, 18.2980, -23.2540

Conversions

Conversions Part 2

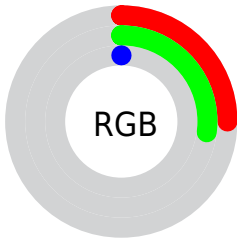
Format	Color
RYB	0, 70, 7
Decimal	4146688
CIELab	27.95, -12.09, 36.37
CIELCh	28, 38.324, 108.389
Yxy	5.4371, 0.4037, 0.5177
Android (android.graphics.Color)	4282336768 (0xFF3F4600)
YUV	59.9270, -29.5440, 2.6950
Hunter-Lab	23.3175, -8.3473, 14.2220

Details

The Hex color **3F4600** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **070046**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **717632**, and **0D1B00** is the 20% darker color. If you saturate the color by 10%, you get **3F4600**, and if you desaturate by 10%, it is **404607**.

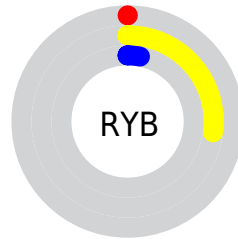
Distribution



Red (25%)

Green (27%)

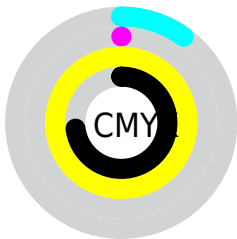
Blue (0%)



Red (0%)

Yellow (27%)

Blue (3%)

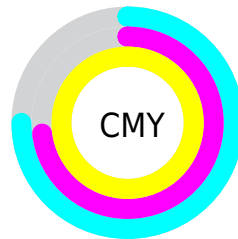


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (73%)



Cyan (75%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F4600 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 3F4600 by changing the saturation by 10% instead.

 3F4600

 3F4600

 FFFFEA

 283000

 717632

 0D1B00

 8C904A

 000000

 A7AA63

 C3C57C

 DFE197

 FCFEB2

 FFFFCD

 3F4600

■ 404607

■ 40460E

■ 414615

■ 42461C

■ 434623

■ 43462A

■ 444631

■ 454638

■ 45463F

Harmonies

Analogous

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



5A3C00



3F4600



1A4C18

Triad

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



3F4600



004E6E



71264F

Complementary

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



3F4600



070046

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.



5A3269



3F4600



00497C

Square

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



3F4600



005054



293F7A



762531

Rectangle

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



3F4600



004E2B



293F7A



6B2958

Sweetspot

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



3F4600



595C40



460700



2C2E1D



ADADAD



2E2E2E

Same Dimension

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



3F4600



535C00



1C4600



232420



5A6300



CCE300

Inverse Universe

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



070046



09005C



2A0046



202024



0A0063



1700E3

Previews

White Background



This preview shows how the Hex color 3F4600 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

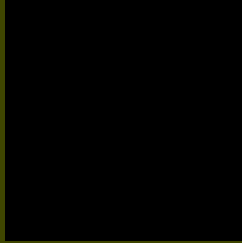
Any Text WCAG AA × Fail

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 3F4600 Background



This preview shows how black text looks on a background with the Hex color 3F4600.



This preview shows how white text looks on a background with the Hex color 3F4600.

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
3F4600

Protanopia
4B4200

Deuteranopia
533F0C



Tritanopia
444146

Trichromacy



Original Color
3F4600

Protanomaly
474300

Deuteranomaly
4C4208

Tritanomaly
42432D

Monochromacy



Original Color
3F4600

Achromatopsia
3C3C3C

Achromatomaly
3D4026

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F4600 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 #3F4600 looks like.

```
.text, #text, p{  
    color:#3F4600  
}
```

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 #3F4600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4600
}
```

Border

The CSS property to change the border of an element to Hex 3F4600 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
#3F4600 }
```

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

```
.border{ border-color:#3F4600 }
```

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

Here you see how a box with a 4 pixel #3F4600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4600; -webkit-box-shadow:4px 4px  
4px 4px #3F4600; box-shadow:4px 4px 4px  
4px #3F4600 }
```

Background

The CSS property to change the background color of an element to Hex 3F4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4600 }
```

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

```
.background{ background-color:#3F4600 }
```

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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