

Converting Colors

Hex(3C6402)

Have a look what the booklet for
Hex(3C6402) contains.

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Color

Hex(3C6402)

Conversions

Conversions Part 1

Format	Color
Hex	3C6402
RGB	60, 100, 2
RGB Percent	24%, 39%, 1%
CMY	0.7647, 0.6078, 0.9922
CMYK	0.40, 0.00, 0.98, 0.61
HSL	84°, 96%, 20%
HSV	84°, 98%, 39%
XYZ	6.4316, 10.0794, 1.6640
YIQ	76.8680, 7.6180, -38.9580

Conversions

Conversions Part 2

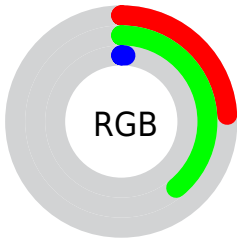
Format	Color
R_{YB}	2, 100, 42
Decimal	3957762
CIE _{Lab}	37.98, -28.94, 43.45
CIE _{LCh}	38, 52.203, 123.671
Yxy	10.0794, 0.3539, 0.5546
Android (android.graphics.Color)	4282147842 (0xFF3C6402)
YUV	76.8680, -36.9099, -14.7932
Hunter-Lab	31.7480, -19.3981, 19.1161

Details

The Hex color **3C6402** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2A0264**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **70973A**, and **043500** is the 20% darker color. If you saturate the color by 10%, you get **3B6400**, and if you desaturate by 10%, it is **40640C**.

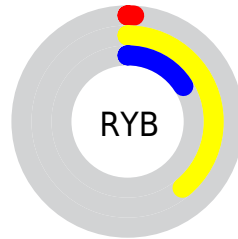
Distribution



Red (24%)

Green (39%)

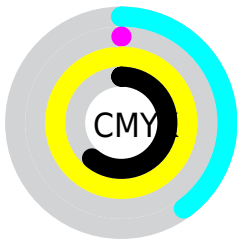
Blue (1%)



Red (1%)

Yellow (39%)

Blue (16%)

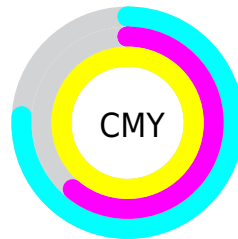


Cyan (40%)

Magenta (0%)

Yellow (98%)

Black (61%)



Cyan (76%)

Magenta (61%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C6402 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 3C6402 by changing the saturation by 10% instead.

 3C6402

 3C6402

 FFFFF7

 234C00

 70973A

 043500

 8BB254

 002100

 A6CE6D

 000000

 C2EA88

 DEFFA3

 FCFFBE

 FFFFDB

 3C6402

 3C6402

■ 3B6400

■ 40640C

■ 446416

■ 486420

■ 4C642A

■ 506434

■ 54643E

■ 596448

■ 5D6452

■ 61645C

Harmonies

Analogous

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



685900



3C6402



006A32

Triad

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



3C6402



0067A5



A32A56

Complementary

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



3C6402



2A0264

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.



8F3680



3C6402



005DAE

Square

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



3C6402



006C87



5F4CA0



9F352D

Rectangle

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



3C6402



006C4F



5F4CA0



9F2C64

Sweetspot

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



3C6402



73825C



642902



39422B



C2C2C2



424242

Same Dimension

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



3C6402



4D8200



0C6402



31332E



447300



8FF200

Inverse Universe

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



2A0264



350082



5A0264



302E33



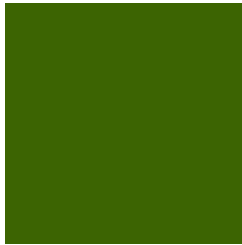
2F0073



6300F2

Previews

White Background



This preview shows how the Hex color 3C6402 looks on a white background.

Color Contrast Check

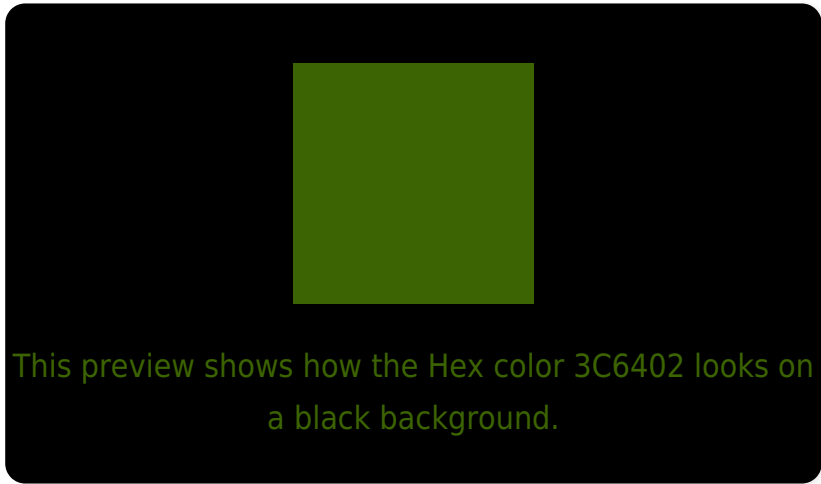
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C6402 Background



This preview shows how black text looks on a background with the Hex color 3C6402.



This preview shows how white text looks on a background with the Hex color 3C6402.

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
3C6402

Protanopia
655900

Deuteranopia
705514



Tritanopia
475D64

Trichromacy



Original Color
3C6402

Protanomaly
565D01

Deuteranomaly
5D5A0D

Tritanomaly
436040

Monochromacy



Original Color
3C6402

Achromatopsia
4D4D4D

Achromatomaly
475532

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C6402 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 #3C6402 looks like.

```
.text, #text, p{  
    color:#3C6402  
}
```

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 #3C6402 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6402
}
```

Border

The CSS property to change the border of an element to Hex 3C6402 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
#3C6402 }
```

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

```
.border{ border-color:#3C6402 }
```

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

Here you see how a box with a 4 pixel #3C6402 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6402; -webkit-box-shadow:4px 4px  
4px 4px #3C6402; box-shadow:4px 4px 4px  
4px #3C6402 }
```

Background

The CSS property to change the background color of an element to Hex 3C6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6402 }
```

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

```
.background{ background-color:#3C6402 }
```

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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