

Converting Colors

Hex(66340A)

Have a look what the booklet for
Hex(66340A) contains.

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Color

Hex(66340A)

Conversions

Conversions Part 1

Format	Color
Hex	66340A
RGB	102, 52, 10
RGB Percent	40%, 20%, 4%
CMY	0.6000, 0.7961, 0.9608
CMYK	0.00, 0.49, 0.90, 0.60
HSL	27°, 82%, 22%
HSV	27°, 90%, 40%
XYZ	6.7623, 5.3027, 0.9543
YIQ	62.1620, 43.2820, -2.4620

Conversions

Conversions Part 2

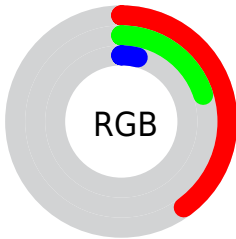
Format	Color
RYB	102, 87, 10
Decimal	6697994
CIELab	27.58, 19.34, 33.90
CIElCh	28, 39.030, 60.301
Yxy	5.3027, 0.5194, 0.4073
Android (android.graphics.Color)	4284888074 (0xFF66340A)
YUV	62.1620, -25.7159, 34.9379
Hunter-Lab	23.0275, 12.1201, 13.6623

Details

The Hex color **66340A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0A3C66**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **9E6338**, and **310900** is the 20% darker color. If you saturate the color by 10%, you get **662F00**, and if you desaturate by 10%, it is **663A14**.

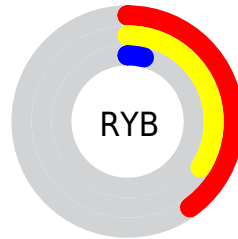
Distribution



Red (40%)

Green (20%)

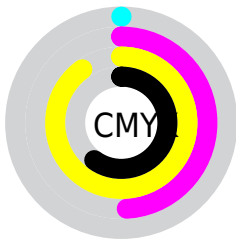
Blue (4%)



Red (40%)

Yellow (34%)

Blue (4%)

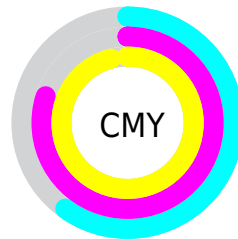


Cyan (0%)

Magenta (49%)

Yellow (90%)

Black (60%)



Cyan (60%)

Magenta (80%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66340A 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 66340A by changing the saturation by 10% instead.

 66340A

 66340A

 FFFFF0

 4C1E00

 9E6338

 310900

 BA7C50

 140000

 D79668

 000000

 F5B182

 FFCD9C

 FFE9B7

 FFFFD3

 66340A

 66340A

■ 662F00

■ 663A14

■ 663F1E

■ 664529

■ 664A33

■ 66503D

■ 665547

■ 665B51

■ 66605C

■ 666666

Harmonies

Analogous

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



742725



66340A



4F4000

Triad

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



66340A



004F41



403975

Complementary

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



66340A



0A3C66

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.



00457D



66340A



004F5F

Square

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



66340A



004D22



004C75



652B5F

Rectangle

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



66340A



3C4600



004C75



2C3D7A

Sweetspot

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



66340A



857161



660A3D



42372D



C2C2C2



424242

Same Dimension

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



66340A



853D00



66610A



33302E



733400



F26F00

Inverse Universe

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



0A3C66



004885



0A0F66



2E3133



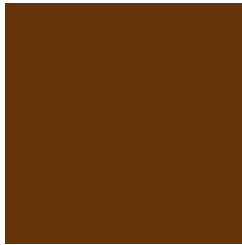
003E73



0084F2

Previews

White Background



This preview shows how the Hex color 66340A looks on a white background.

Color Contrast Check

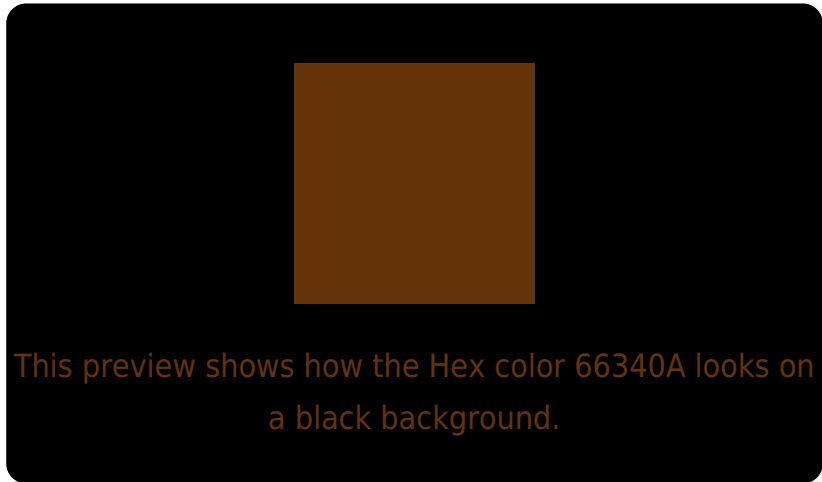
Large Text (above 18pt) WCAG AA ✓ Pass

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

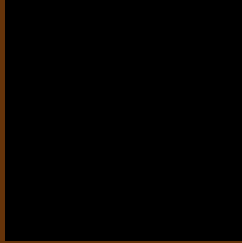
Any Text WCAG AA × Fail

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 66340A Background



This preview shows how black text looks on a background with the Hex color 66340A.



This preview shows how white text looks on a background with the Hex color 66340A.

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
66340A

Protanopia
4A420E

Deuteranopia
533F00



Tritanopia
683034

Trichromacy



Original Color
66340A

Protanomaly
543D0D

Deuteranomaly
5A3B04

Tritanomaly
673125

Monochromacy



Original Color
66340A

Achromatopsia
3E3E3E

Achromatomaly
4D3A2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 66340A 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 #66340A looks like.

```
.text, #text, p{  
    color:#66340A  
}
```

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 #66340A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66340A
}
```

Border

The CSS property to change the border of an element to Hex 66340A is called "border". The border property can be set on classes, ids or directly on the HTML element.

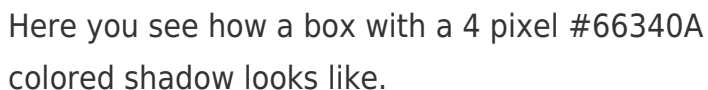
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66340A }
```

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

```
.border{ border-color:#66340A }
```

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



Here you see how a box with a 4 pixel #66340A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66340A; -webkit-box-shadow:4px 4px  
4px 4px #66340A; box-shadow:4px 4px 4px  
4px #66340A }
```

Background

The CSS property to change the background color of an element to Hex 66340A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66340A }
```

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

```
.background{ background-color:#66340A }
```

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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