

Converting Colors

Hex(36740A)

Have a look what the booklet for
Hex(36740A) contains.

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Color

Hex(36740A)

Conversions

Conversions Part 1

Format	Color
Hex	36740A
RGB	54, 116, 10
RGB Percent	21%, 45%, 4%
CMY	0.7882, 0.5451, 0.9608
CMYK	0.53, 0.00, 0.91, 0.55
HSL	95°, 84%, 25%
HSV	95°, 91%, 45%
XYZ	7.8215, 13.2970, 2.4415
YIQ	85.3780, -2.9260, -46.1100

Conversions

Conversions Part 2

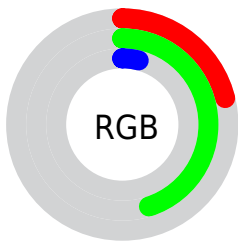
Format	Color
RYB	10, 116, 72
Decimal	3568650
CIELab	43.21, -37.72, 45.68
CIELCh	43, 59.246, 129.548
Yxy	13.2970, 0.3320, 0.5644
Android (android.graphics.Color)	4281758730 (0xFF36740A)
YUV	85.3780, -37.1614, -27.5185
Hunter-Lab	36.4650, -25.5267, 21.5558

Details

The Hex color **36740A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **480A74**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6CA942**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **307400**, and if you desaturate by 10%, it is **3D7416**.

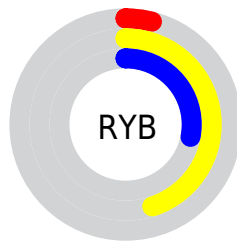
Distribution



Red (21%)

Green (45%)

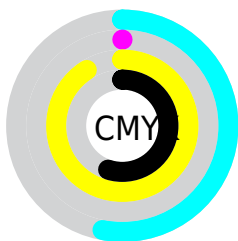
Blue (4%)



Red (4%)

Yellow (45%)

Blue (28%)

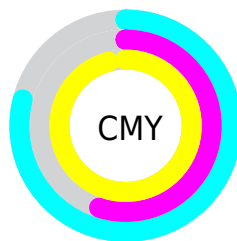


Cyan (53%)

Magenta (0%)

Yellow (91%)

Black (55%)



Cyan (79%)

Magenta (55%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36740A 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 36740A by changing the saturation by 10% instead.

 36740A

 36740A

FFFFFF

 185B00

 6CA942

 004300

 87C45C

 002C00

 A3E076

 001300

 BFFD91

 000000

 DCFFAC

 F9FFC8

 FFFFE4

 36740A

 36740A

■ 307400

■ 3D7416

■ 447421

■ 4A742D

■ 517438

■ 587444

■ 5F7450

■ 65745B

■ 6C7467

■ 737472

Harmonies

Analogous

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



6D6900



36740A



007A42

Triad

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



36740A



0075C2



BC2D59

Complementary

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



36740A



480A74

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.



AB3889



36740A



0067C8

Square

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



36740A



007BA4



7A51B2



B33F2A

Rectangle

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



36740A



007C64



7A51B2



BA2D69

Sweetspot

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



36740A



7F966E



74480A



3E4D34



CCCCCC



4D4D4D

Same Dimension

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



36740A



3E9600



0A7413



373B35



337A00



68FA00

Inverse Universe

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



480A74



580096



740A6B



38353B



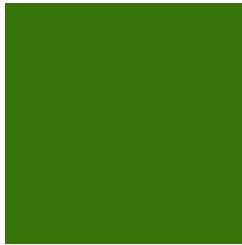
48007A



9200FA

Previews

White Background



This preview shows how the Hex color 36740A looks on a white background.

Color Contrast Check

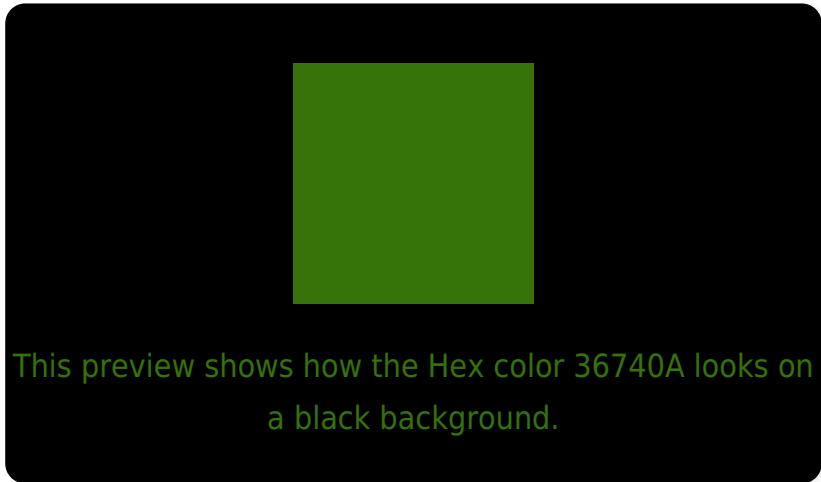
Large Text (above 18pt) WCAG AA ✓ Pass

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 36740A Background



This preview shows how black text looks on a background with the Hex color 36740A.



This preview shows how white text looks on a background with the Hex color 36740A.

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
36740A

Protanopia
736600

Deuteranopia
80601A



Tritanopia
466C75

Trichromacy



Original Color
36740A

Protanomaly
5D6B04

Deuteranomaly
656714

Tritanomaly
406F4E

Monochromacy



Original Color
36740A

Achromatopsia
555555

Achromatomaly
4A603A

CSS Examples

Text

The CSS property to change the color of the text to Hex 36740A 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 #36740A looks like.

```
.text, #text, p{  
    color:#36740A  
}
```

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 #36740A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36740A
}
```

Border

The CSS property to change the border of an element to Hex 36740A 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".

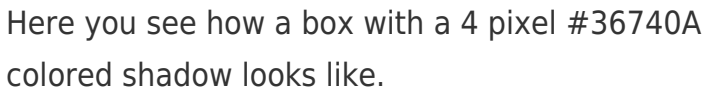
```
.border, #border, table{ border:4px solid
#36740A }
```

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

```
.border{ border-color:#36740A }
```

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

Here you see how a box with a 4 pixel #36740A colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36740A; -webkit-box-shadow:4px 4px  
4px 4px #36740A; box-shadow:4px 4px 4px  
4px #36740A }
```

Background

The CSS property to change the background color of an element to Hex 36740A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36740A }
```

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

```
.background{ background-color:#36740A }
```

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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