

Converting Colors

Hex(36680A)

Have a look what the booklet for
Hex(36680A) contains.

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Color

Hex(36680A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 36680A |
| RGB | 54, 104, 10 |
| RGB Percent | 21%, 41%, 4% |
| CMY | 0.7882, 0.5922, 0.9608 |
| CMYK | 0.48, 0.00, 0.90, 0.59 |
| HSL | 92°, 82%, 22% |
| HSV | 92°, 90%, 41% |
| XYZ | 6.5264, 10.7068, 2.0098 |
| YIQ | 78.3340, 0.3740, -39.8340 |

Conversions

Conversions Part 2

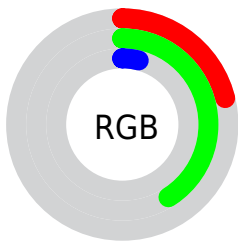
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 10, 104, 60 |
| Decimal | 3565578 |
| CIELab | 39.08, -32.68, 42.11 |
| CIELCh | 39, 53.304, 127.809 |
| Yxy | 10.7068, 0.3392, 0.5564 |
| Android (android.graphics.Color) | 4281755658 (0xFF36680A) |
| YUV | 78.3340, -33.6887, -21.3409 |
| Hunter-Lab | 32.7213, -21.6595, 19.2632 |

Details

The Hex color **36680A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3C0A68**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6A9C40**, and **003800** is the 20% darker color. If you saturate the color by 10%, you get **316800**, and if you desaturate by 10%, it is **3C6814**.

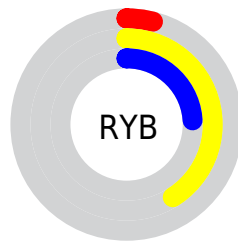
Distribution



Red (21%)

Green (41%)

Blue (4%)



Red (4%)

Yellow (41%)

Blue (24%)

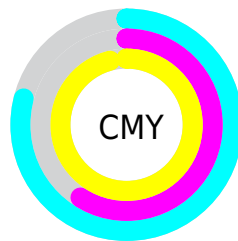


Cyan (48%)

Magenta (0%)

Yellow (90%)

Black (59%)



Cyan (79%)

Magenta (59%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36680A 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 36680A by changing the saturation by 10% instead.



36680A



36680A

FFFFFFD



1B5000



6A9C40



003800



85B759



002400



A0D373



000000



BCEF8D



D9FFA8



F6FFC4



FFFFE0



36680A



36680A

■ 316800

■ 3C6814

■ 41681F

■ 476829

■ 4C6834

■ 52683E

■ 576848

■ 5D6853

■ 62685D

■ 686868

Harmonies

Analogous

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



655E00



36680A



006D39

Triad

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



36680A



0069AC



A82B53

Complementary

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



36680A



3C0A68

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.



98357E



36680A



005EB3

Square

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



36680A



006F90



6B4BA1



A13929

Rectangle

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



36680A



006F57



6B4BA1



A52C61

Sweetspot

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



36680A



748763



683B0A



39452F



C4C4C4



454545

Same Dimension

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



36680A



3F8700



0A680C



30332E



367300



71F200

Inverse Universe

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



3C0A68



480087



680A66



312E33



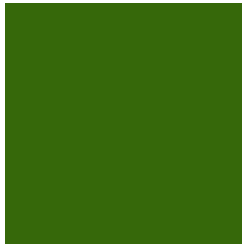
3D0073



8100F2

Previews

White Background



This preview shows how the Hex color 36680A looks on a white background.

Color Contrast Check

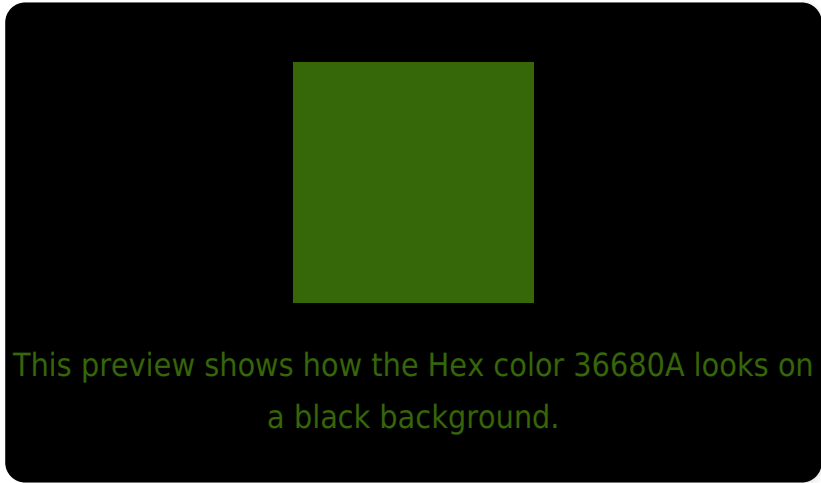
Large Text (above 18pt) WCAG AA ✓ Pass

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

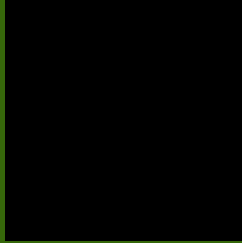
Any Text WCAG AA × Fail

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 36680A Background



This preview shows how black text looks on a background with the Hex color 36680A.



This preview shows how white text looks on a background with the Hex color 36680A.

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
36680A

Protanopia
685C03

Deuteranopia
735717



Tritanopia
436168

Trichromacy



Original Color
36680A

Protanomaly
566006

Deuteranomaly
5D5D12

Tritanomaly
3E6446

Monochromacy



Original Color
36680A

Achromatopsia
4E4E4E

Achromatomaly
455735

CSS Examples

Text

The CSS property to change the color of the text to Hex 36680A 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 #36680A looks like.

```
.text, #text, p{  
    color:#36680A  
}
```

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 #36680A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36680A
}
```

Border

The CSS property to change the border of an element to Hex 36680A 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
#36680A }
```

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

```
.border{ border-color:#36680A }
```

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

Here you see how a box with a 4 pixel #36680A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36680A; -webkit-box-shadow:4px 4px  
4px 4px #36680A; box-shadow:4px 4px 4px  
4px #36680A }
```

Background

The CSS property to change the background color of an element to Hex 36680A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36680A }
```

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

```
.background{ background-color:#36680A }
```

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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