

Converting Colors

Hex(30640B)

Have a look what the booklet for
Hex(30640B) contains.

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Color

Hex(30640B)

Conversions

Conversions Part 1

Format	Color
Hex	30640B
RGB	48, 100, 11
RGB Percent	19%, 39%, 4%
CMY	0.8118, 0.6078, 0.9569
CMYK	0.52, 0.00, 0.89, 0.61
HSL	95°, 80%, 22%
HSV	95°, 89%, 39%
XYZ	5.8365, 9.7669, 1.8942
YIQ	74.3060, -2.4230, -38.7030

Conversions

Conversions Part 2

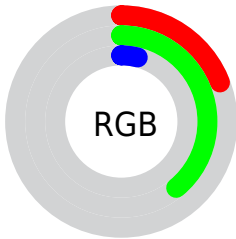
Format	Color
RYB	11, 100, 63
Decimal	3171339
CIELab	37.42, -33.00, 40.28
CIELCh	37, 52.074, 129.326
Yxy	9.7669, 0.3336, 0.5582
Android (android.graphics.Color)	4281361419 (0xFF30640B)
YUV	74.3060, -31.2099, -23.0704
Hunter-Lab	31.2520, -21.3551, 18.2828

Details

The Hex color **30640B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3F0B64**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **64973F**, and **003400** is the 20% darker color. If you saturate the color by 10%, you get **2A6401**, and if you desaturate by 10%, it is **366415**.

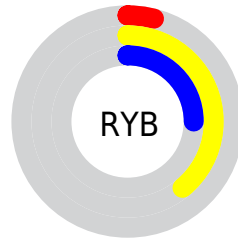
Distribution



Red (19%)

Green (39%)

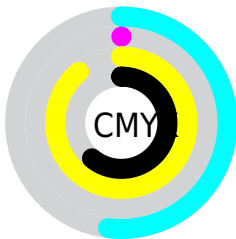
Blue (4%)



Red (4%)

Yellow (39%)

Blue (25%)

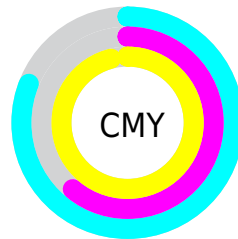


Cyan (52%)

Magenta (0%)

Yellow (89%)

Black (61%)



Cyan (81%)

Magenta (61%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30640B 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 30640B by changing the saturation by 10% instead.

 30640B

 30640B


 FFFFFC

 144C00

 64973F

 003400

 7FB258

 002100

 9ACE72

 000000

 B6EA8C

 D2FFA7

 EFFF3

 FFFFDF

 30640B

 30640B

 2A6401

 366415

 2A6400

 3C641F

 426429

 476433

 4D643D

 536447

 596451

 5F645B

 656465

Harmonies

Analogous

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



5F5A00



30640B



006939

Triad

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



30640B



0065A7



A2294D

Complementary

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



30640B



3F0B64

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.



933177



30640B



0059AC

Square

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



30640B



006A8D



69469A



9A3725

Rectangle

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



30640B



006B56



69469A



A0295B

Sweetspot

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



30640B



6E825F



643F0B



36422D



C2C2C2



424242

Same Dimension

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



30640B



368200



0B6412



30332E



307300



65F200

Inverse Universe

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



3F0B64



4C0082



640B5D



312E33



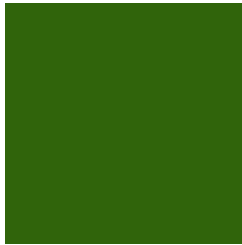
430073



8E00F2

Previews

White Background



This preview shows how the Hex color 30640B looks on a white background.

Color Contrast Check

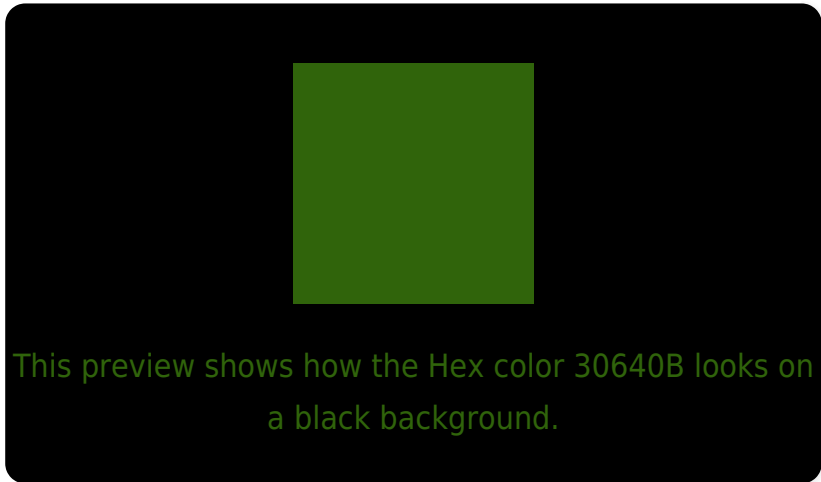
Large Text (above 18pt) WCAG AA ✓ Pass

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

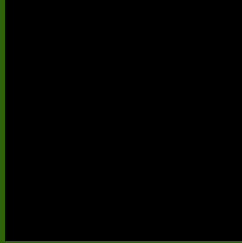
Any Text WCAG AA × Fail

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 30640B Background



This preview shows how black text looks on a background with the Hex color 30640B.



This preview shows how white text looks on a background with the Hex color 30640B.

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
30640B

Protanopia
635806

Deuteranopia
6E5317



Tritanopia
3E5D64

Trichromacy



Original Color
30640B

Protanomaly
505C08

Deuteranomaly
575913

Tritanomaly
396044

Monochromacy



Original Color
30640B

Achromatopsia
4A4A4A

Achromatomaly
415333

CSS Examples

Text

The CSS property to change the color of the text to Hex 30640B 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 #30640B looks like.

```
.text, #text, p{  
    color:#30640B  
}
```

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 #30640B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30640B
}
```

Border

The CSS property to change the border of an element to Hex 30640B 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".

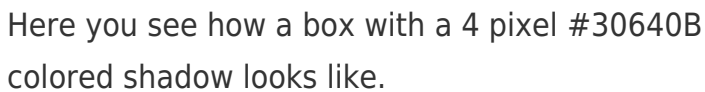
```
.border, #border, table{ border:4px solid
#30640B }
```

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

```
.border{ border-color:#30640B }
```

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

Here you see how a box with a 4 pixel #30640B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30640B; -webkit-box-shadow:4px 4px  
4px 4px #30640B; box-shadow:4px 4px 4px  
4px #30640B }
```

Background

The CSS property to change the background color of an element to Hex 30640B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30640B }
```

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

```
.background{ background-color:#30640B }
```

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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