

Converting Colors

Hex(3D6C1C)

Have a look what the booklet for
Hex(3D6C1C) contains.

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Color

Hex(3D6C1C)

Conversions

Conversions Part 1

Format	Color
Hex	3D6C1C
RGB	61, 108, 28
RGB Percent	24%, 42%, 11%
CMY	0.7608, 0.5765, 0.8902
CMYK	0.44, 0.00, 0.74, 0.58
HSL	95°, 59%, 27%
HSV	95°, 74%, 42%
XYZ	7.4966, 11.8011, 2.9813
YIQ	84.8270, -2.3320, -34.8440

Conversions

Conversions Part 2

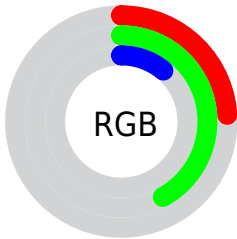
Format	Color
R_{YB}	28, 108, 75
Decimal	4025372
CIE _{Lab}	40.90, -30.82, 37.82
CIE _{LCh}	41, 48.790, 129.181
Yxy	11.8011, 0.3365, 0.5297
Android (android.graphics.Color)	4282215452 (0xFF3D6C1C)
YUV	84.8270, -28.0157, -20.8963
Hunter-Lab	34.3527, -21.1639, 18.9013

Details

The Hex color **3D6C1C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4B1C6C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **71A04D**, and **083C00** is the 20% darker color. If you saturate the color by 10%, you get **376C11**, and if you desaturate by 10%, it is **436C27**.

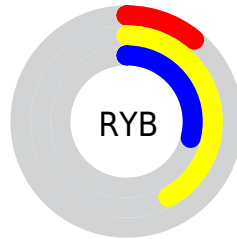
Distribution



Red (24%)

Green (42%)

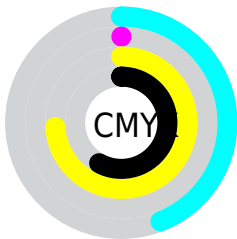
Blue (11%)



Red (11%)

Yellow (42%)

Blue (29%)

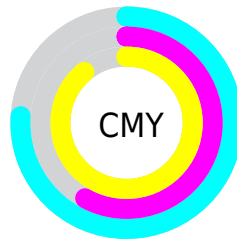


Cyan (44%)

Magenta (0%)

Yellow (74%)

Black (58%)



Cyan (76%)

Magenta (58%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6C1C 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 3D6C1C by changing the saturation by 10% instead.



3D6C1C



3D6C1C

FFFFFF



235300



71A04D



083C00



8BBB66



002600



A7D780



000600



C2F39B



000000



DFFFB6



FCFFD2



FFFFEF



3D6C1C



3D6C1C

■ 376C11

■ 436C27

■ 306C06

■ 4A6C32

■ 2D6C00

■ 506C3C

■ 566C47

■ 5D6C52

■ 636C5D

■ 696C68

■ 706C72

■ 766C7D

Harmonies

Analogous

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



696200



3D6C1C



007142

Triad

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



3D6C1C



006CAB



A83856

Complementary

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



3D6C1C



4B1C6C

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.



993E7E



3D6C1C



1161B0

Square

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



3D6C1C



007292



71509F



A14330

Rectangle

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



3D6C1C



00735E



71509F



A63863

Sweetspot

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



3D6C1C



7A8C6D



6C4B1C



3C4735



C7C7C7



474747

Same Dimension

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



3D6C1C



438C0F



1C6C23



323630



307500



65F500

Inverse Universe

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



4B1C6C



590F8C



6C1C65



333036



450075



9000F5

Previews

White Background



This preview shows how the Hex color 3D6C1C looks on a white background.

Color Contrast Check

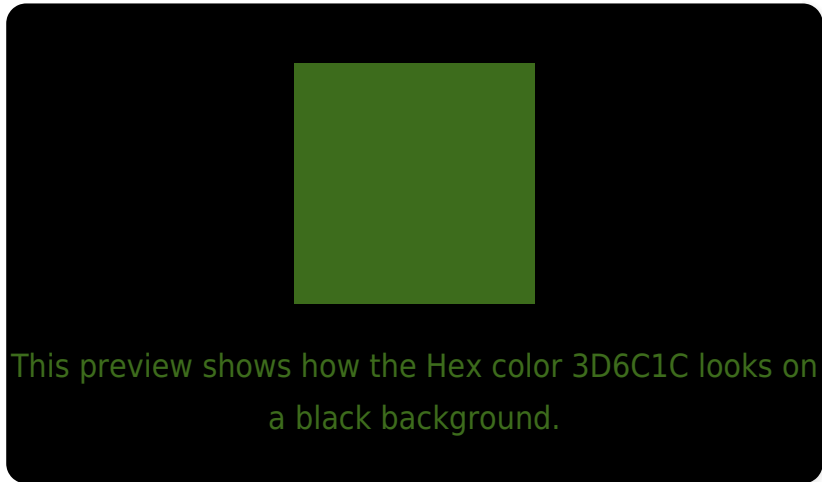
Large Text (above 18pt) WCAG AA ✓ Pass

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

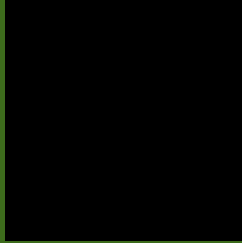
Any Text WCAG AA × Fail

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 3D6C1C Background



This preview shows how black text looks on a background with the Hex color 3D6C1C.



This preview shows how white text looks on a background with the Hex color 3D6C1C.

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
3D6C1C

Protanopia
6C6019

Deuteranopia
785B23



Tritanopia
49656D

Trichromacy



Original Color
3D6C1C

Protanomaly
5B641A

Deuteranomaly
636120

Tritanomaly
456850

Monochromacy



Original Color
3D6C1C

Achromatopsia
555555

Achromatomaly
4C5D40

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6C1C 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 #3D6C1C looks like.

```
.text, #text, p{  
    color:#3D6C1C  
}
```

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 #3D6C1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6C1C
}
```

Border

The CSS property to change the border of an element to Hex 3D6C1C 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
#3D6C1C }
```

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

```
.border{ border-color:#3D6C1C }
```

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

Here you see how a box with a 4 pixel #3D6C1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6C1C; -webkit-box-shadow:4px 4px  
4px 4px #3D6C1C; box-shadow:4px 4px 4px  
4px #3D6C1C }
```

Background

The CSS property to change the background color of an element to Hex 3D6C1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6C1C }
```

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

```
.background{ background-color:#3D6C1C }
```

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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