

Converting Colors

Hex(3D6E1D)

Have a look what the booklet for
Hex(3D6E1D) contains.

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Color

Hex(3D6E1D)

Conversions

Conversions Part 1

Format	Color
Hex	3D6E1D
RGB	61, 110, 29
RGB Percent	24%, 43%, 11%
CMY	0.7608, 0.5686, 0.8863
CMYK	0.45, 0.00, 0.74, 0.57
HSL	96°, 58%, 27%
HSV	96°, 74%, 43%
XYZ	7.7222, 12.2327, 3.1165
YIQ	86.1150, -3.2030, -35.5790

Conversions

Conversions Part 2

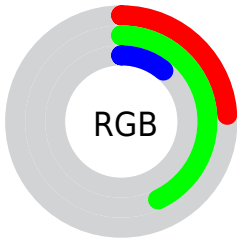
Format	Color
RYB	29, 110, 78
Decimal	4025885
CIELab	41.58, -31.65, 38.10
CIELCh	42, 49.533, 129.713
Yxy	12.2327, 0.3347, 0.5302
Android (android.graphics.Color)	4282215965 (0xFF3D6E1D)
YUV	86.1150, -28.1577, -22.0259
Hunter-Lab	34.9752, -21.7957, 19.1995

Details

The Hex color **3D6E1D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4E1D6E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **71A24E**, and **083E00** is the 20% darker color. If you saturate the color by 10%, you get **366E12**, and if you desaturate by 10%, it is **446E28**.

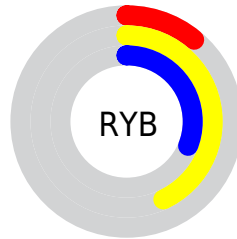
Distribution



Red (24%)

Green (43%)

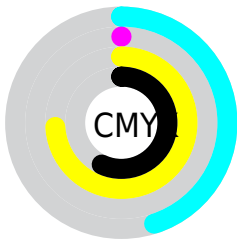
Blue (11%)



Red (11%)

Yellow (43%)

Blue (31%)

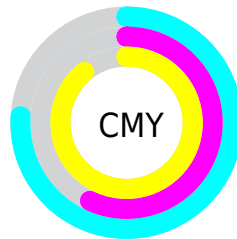


Cyan (45%)

Magenta (0%)

Yellow (74%)

Black (57%)



Cyan (76%)

Magenta (57%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D6E1D 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 3D6E1D by changing the saturation by 10% instead.

 3D6E1D

 3D6E1D

FFFFFF

 235501

 71A24E

 083E00

 8BBD67

 002800

 A7D981

 000B00

 C3F69C

 000000

 DFFFB7

 FCFFD3

 FFFFF0

 3D6E1D

 3D6E1D

■ 366E12

■ 446E28

■ 306E07

■ 4A6E33

■ 2B6E00

■ 516E3E

■ 586E49

■ 5E6E54

■ 656E5F

■ 6C6E6A

■ 726E75

■ 796E80

Harmonies

Analogous

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



6A6400



3D6E1D



007344

Triad

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



3D6E1D



006EAE



AB3957

Complementary

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



3D6E1D



4E1D6E

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.



9D3F7F



3D6E1D



1562B3

Square

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



3D6E1D



007495



7451A1



A44430

Rectangle

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



3D6E1D



007560



7451A1



A93964

Sweetspot

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



3D6E1D



7C8F6F



6E4E1D



3C4735



C7C7C7



474747

Same Dimension

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



3D6E1D



438F11



1D6E25



353832



2F7800



62F700

Inverse Universe

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



4E1D6E



5D118F



6E1D66



363238



490078



9600F7

Previews

White Background



This preview shows how the Hex color 3D6E1D looks on a white background.

Color Contrast Check

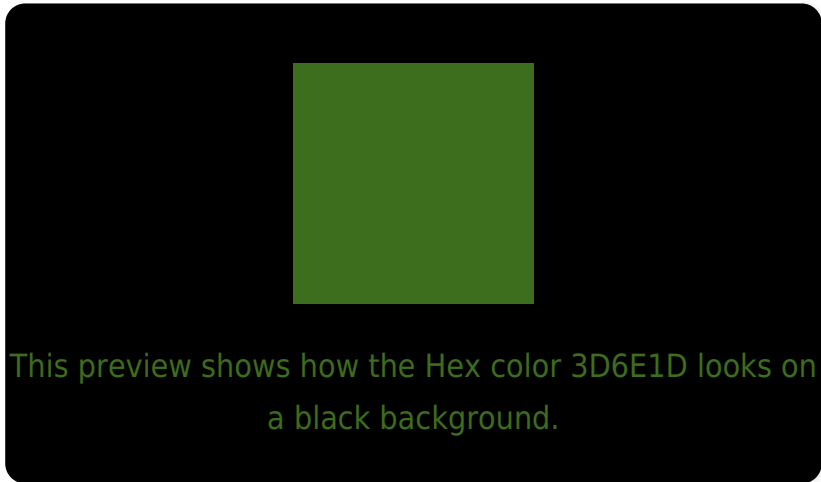
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D6E1D Background



This preview shows how black text looks on a background with the Hex color 3D6E1D.



This preview shows how white text looks on a background with the Hex color 3D6E1D.

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
3D6E1D

Protanopia
6E621A

Deuteranopia
7A5D24



Tritanopia
4A676F

Trichromacy



Original Color
3D6E1D

Protanomaly
5C661B

Deuteranomaly
646321

Tritanomaly
456A51

Monochromacy



Original Color
3D6E1D

Achromatopsia
565656

Achromatomaly
4D5F41

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D6E1D 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 #3D6E1D looks like.

```
.text, #text, p{  
    color:#3D6E1D  
}
```

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 #3D6E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D6E1D
}
```

Border

The CSS property to change the border of an element to Hex 3D6E1D 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
#3D6E1D }
```

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

```
.border{ border-color:#3D6E1D }
```

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

Here you see how a box with a 4 pixel #3D6E1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D6E1D; -webkit-box-shadow:4px 4px  
4px 4px #3D6E1D; box-shadow:4px 4px 4px  
4px #3D6E1D }
```

Background

The CSS property to change the background color of an element to Hex 3D6E1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D6E1D }
```

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

```
.background{ background-color:#3D6E1D }
```

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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