

Converting Colors

Hex(3D5D0D)

Have a look what the booklet for
Hex(3D5D0D) contains.

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Color

Hex(3D5D0D)

Conversions

Conversions Part 1

Format	Color
Hex	3D5D0D
RGB	61, 93, 13
RGB Percent	24%, 36%, 5%
CMY	0.7608, 0.6353, 0.9490
CMYK	0.34, 0.00, 0.86, 0.64
HSL	84°, 75%, 21%
HSV	84°, 86%, 36%
XYZ	5.9115, 8.8499, 1.7774
YIQ	74.3120, 6.6080, -31.6640

Conversions

Conversions Part 2

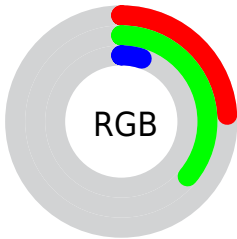
Format	Color
RYB	13, 93, 45
Decimal	4021517
CIELab	35.69, -24.72, 38.39
CIELCh	36, 45.660, 122.772
Yxy	8.8499, 0.3574, 0.5351
Android (android.graphics.Color)	4282211597 (0xFF3D5D0D)
YUV	74.3120, -30.2268, -11.6746
Hunter-Lab	29.7487, -16.5899, 17.2817

Details

The Hex color **3D5D0D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2D0D5D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **709040**, and **0A2F00** is the 20% darker color. If you saturate the color by 10%, you get **395D04**, and if you desaturate by 10%, it is **415D16**.

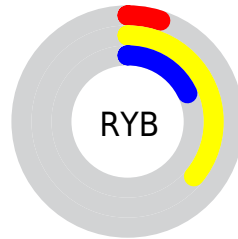
Distribution



Red (24%)

Green (36%)

Blue (5%)



Red (5%)

Yellow (36%)

Blue (18%)

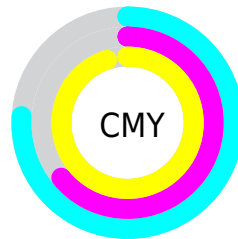


Cyan (34%)

Magenta (0%)

Yellow (86%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D5D0D 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 3D5D0D by changing the saturation by 10% instead.

 3D5D0D

 3D5D0D

 FFFFC

 254500

 709040

 0A2F00

 8AAA58

 001C00

 A5C572

 000000

 C1E28C

 DDFA7

 FAFFC2

 FFFFDF

 3D5D0D

 3D5D0D

■ 395D04

■ 415D16

■ 385D00

■ 445D20

■ 485D29

■ 4C5D32

■ 505D3C

■ 535D45

■ 575D4E

■ 5B5D57

■ 5E5D61

Harmonies

Analogous

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



625300



3D5D0D



006231

Triad

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



3D5D0D



006095



942E52

Complementary

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



3D5D0D



2D0D5D

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.



823776



3D5D0D



00579D

Square

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



3D5D0D



00647B



584992



91352F

Rectangle

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



3D5D0D



00644A



584992



902F5E

Sweetspot

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



3D5D0D



6B7859



5D2D0D



363D2A



BDBDBD



3D3D3D

Same Dimension

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



3D5D0D



487800



155D0D



2C2E29



426E00



8EED00

Inverse Universe

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



2D0D5D



300078



550D5D



2B292E



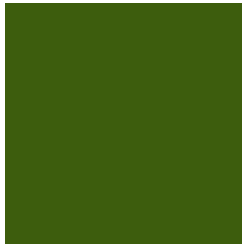
2C006E



5F00ED

Previews

White Background



This preview shows how the Hex color 3D5D0D looks on a white background.

Color Contrast Check

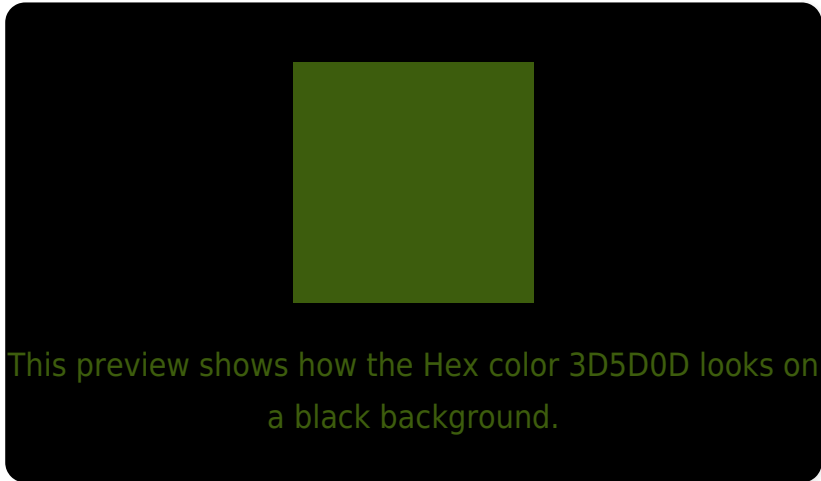
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D5D0D Background



This preview shows how black text looks on a background with the Hex color 3D5D0D.



This preview shows how white text looks on a background with the Hex color 3D5D0D.

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
3D5D0D

Protanopia
5E540A

Deuteranopia
695016



Tritanopia
46575D

Trichromacy



Original Color
3D5D0D

Protanomaly
52570B

Deuteranomaly
595513

Tritanomaly
435940

Monochromacy



Original Color
3D5D0D

Achromatopsia
4A4A4A

Achromatomaly
455134

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D5D0D 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 #3D5D0D looks like.

```
.text, #text, p{  
    color:#3D5D0D  
}
```

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 #3D5D0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5D0D
}
```

Border

The CSS property to change the border of an element to Hex 3D5D0D 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
#3D5D0D }
```

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

```
.border{ border-color:#3D5D0D }
```

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

Here you see how a box with a 4 pixel #3D5D0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5D0D; -webkit-box-shadow:4px 4px  
4px 4px #3D5D0D; box-shadow:4px 4px 4px  
4px #3D5D0D }
```

Background

The CSS property to change the background color of an element to Hex 3D5D0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5D0D }
```

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

```
.background{ background-color:#3D5D0D }
```

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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