

Converting Colors

Hex(3D4E15)

Have a look what the booklet for
Hex(3D4E15) contains.

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Color

Hex(3D4E15)

Conversions

Conversions Part 1

Format	Color
Hex	3D4E15
RGB	61, 78, 21
RGB Percent	24%, 31%, 8%
CMY	0.7608, 0.6941, 0.9176
CMYK	0.22, 0.00, 0.73, 0.69
HSL	78°, 58%, 19%
HSV	78°, 73%, 31%
XYZ	4.7842, 6.4950, 1.7110
YIQ	66.4190, 8.1650, -21.3310

Conversions

Conversions Part 2

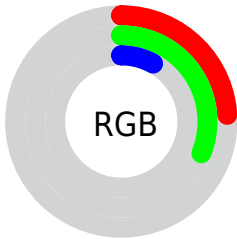
Format	Color
RYB	21, 78, 38
Decimal	4017685
CIELab	30.63, -16.37, 30.30
CIELCh	31, 34.440, 118.385
Yxy	6.4950, 0.3683, 0.5000
Android (android.graphics.Color)	4282207765 (0xFF3D4E15)
YUV	66.4190, -22.3916, -4.7525
Hunter-Lab	25.4853, -11.0906, 13.8593

Details

The Hex color **3D4E15** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **26154E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6E7F43**, and **0F2200** is the 20% darker color. If you saturate the color by 10%, you get **3B4E0D**, and if you desaturate by 10%, it is **3F4E1D**.

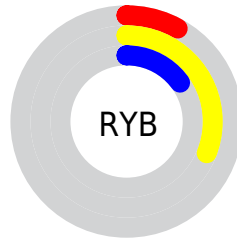
Distribution



Red (24%)

Green (31%)

Blue (8%)



Red (8%)

Yellow (31%)

Blue (15%)

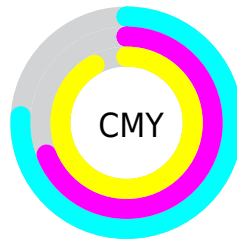


Cyan (22%)

Magenta (0%)

Yellow (73%)

Black (69%)



Cyan (76%)

Magenta (69%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4E15 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 3D4E15 by changing the saturation by 10% instead.



3D4E15



3D4E15

FFFFFFE



263700



6E7F43



0F2200



88995C



000400



A3B475



000000



BFCF8F



DBECA9



F7FFC5



FFFFFFE1



3D4E15



3D4E15

■ 3B4E0D

■ 3F4E1D

■ 384E05

■ 424E25

■ 374E00

■ 444E2C

■ 464E34

■ 494E3C

■ 4B4E44

■ 4D4E4C

■ 504E53

■ 524E5B

Harmonies

Analogous

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



58460E



3D4E15



17532B

Triad

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



3D4E15



005275



772F4B

Complementary

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



3D4E15



26154E

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.



673665



3D4E15



004C7E

Square

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



3D4E15



005561



464278



783230

Rectangle

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



3D4E15



00543C



464278



743154

Sweetspot

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



3D4E15



5F6650



4E2515



2F3326



B3B3B3



333333

Same Dimension

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



3D4E15



4B660C



214E15



252622



486600



A1E600

Inverse Universe

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



26154E



270C66



42154E



242226



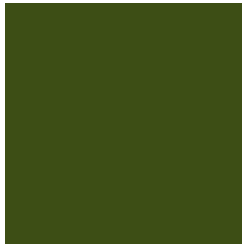
1E0066



4400E6

Previews

White Background



This preview shows how the Hex color 3D4E15 looks on a white background.

Color Contrast Check

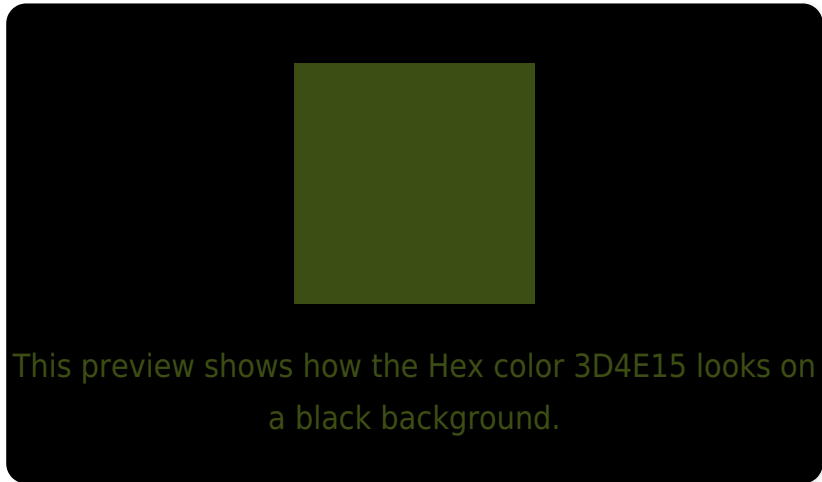
Large Text (above 18pt) WCAG AA ✓ Pass

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

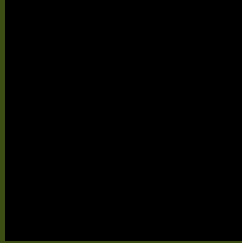
Any Text WCAG AA × Fail

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 3D4E15 Background



This preview shows how black text looks on a background with the Hex color 3D4E15.



This preview shows how white text looks on a background with the Hex color 3D4E15.

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
3D4E15

Protanopia
514814

Deuteranopia
5A4419



Tritanopia
43494F

Trichromacy



Original Color
3D4E15

Protanomaly
4A4A14

Deuteranomaly
4F4818

Tritanomaly
414B3A

Monochromacy



Original Color
3D4E15

Achromatopsia
424242

Achromatomaly
404632

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4E15 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 #3D4E15 looks like.

```
.text, #text, p{  
    color:#3D4E15  
}
```

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 #3D4E15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4E15
}
```

Border

The CSS property to change the border of an element to Hex 3D4E15 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".

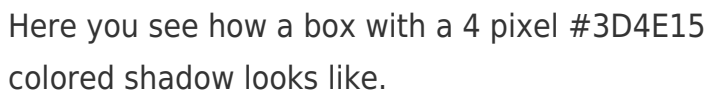
```
.border, #border, table{ border:4px solid
#3D4E15 }
```

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

```
.border{ border-color:#3D4E15 }
```

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

Here you see how a box with a 4 pixel #3D4E15 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4E15; -webkit-box-shadow:4px 4px  
4px 4px #3D4E15; box-shadow:4px 4px 4px  
4px #3D4E15 }
```

Background

The CSS property to change the background color of an element to Hex 3D4E15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4E15 }
```

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

```
.background{ background-color:#3D4E15 }
```

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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