

Converting Colors

Hex(3D5511)

Have a look what the booklet for
Hex(3D5511) contains.

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Color

Hex(3D5511)

Conversions

Conversions Part 1

Format	Color
Hex	3D5511
RGB	61, 85, 17
RGB Percent	24%, 33%, 7%
CMY	0.7608, 0.6667, 0.9333
CMYK	0.28, 0.00, 0.80, 0.67
HSL	81°, 67%, 20%
HSV	81°, 80%, 33%
XYZ	5.2741, 7.5296, 1.7057
YIQ	70.0720, 7.5240, -26.2360

Conversions

Conversions Part 2

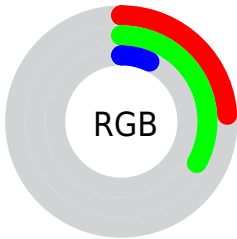
Format	Color
RYB	17, 85, 41
Decimal	4019473
CIELab	32.98, -20.42, 34.41
CIELCh	33, 40.016, 120.691
Yxy	7.5296, 0.3635, 0.5189
Android (android.graphics.Color)	4282209553 (0xFF3D5511)
YUV	70.0720, -26.1645, -7.9561
Hunter-Lab	27.4401, -13.7113, 15.5225

Details

The Hex color **3D5511** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **291155**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6F8741**, and **0D2800** is the 20% darker color. If you saturate the color by 10%, you get **3A5508**, and if you desaturate by 10%, it is **405519**.

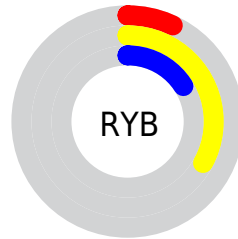
Distribution



Red (24%)

Green (33%)

Blue (7%)



Red (7%)

Yellow (33%)

Blue (16%)

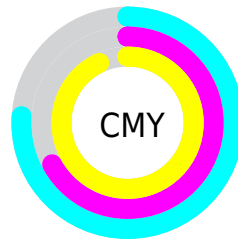


Cyan (28%)

Magenta (0%)

Yellow (80%)

Black (67%)



Cyan (76%)

Magenta (67%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D5511 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 3D5511 by changing the saturation by 10% instead.



3D5511



3D5511

FFFFFFC



263E00



6F8741



0D2800



89A15A



001200



A4BC73



000000



C0D88D



DCF4A8



F9FFC3



FFFFDF



3D5511



3D5511

■ 3A5508

■ 405519

■ 375500

■ 435522

■ 46552A

■ 495533

■ 4C553B

■ 4F5544

■ 52554C

■ 555555

■ 58555E

Harmonies

Analogous

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



5D4C04



3D5511



025A2D

Triad

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



3D5511



005984



852F4E

Complementary

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



3D5511



291155

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.



74376D



3D5511



00518D

Square

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



3D5511



005C6D



4E4584



84332F

Rectangle

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



3D5511



005C42



4E4584



813059

Sweetspot

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



3D5511



646E53



552911



323828



B8B8B8



383838

Same Dimension

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



3D5511



486E04



1B5511



2A2B27



456B00



98EB00

Inverse Universe

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



291155



2A046E



4B1155



29272B



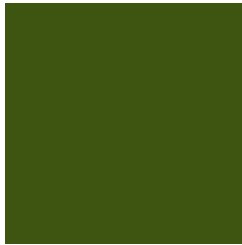
26006B



5300EB

Previews

White Background



This preview shows how the Hex color 3D5511 looks on a white background.

Color Contrast Check

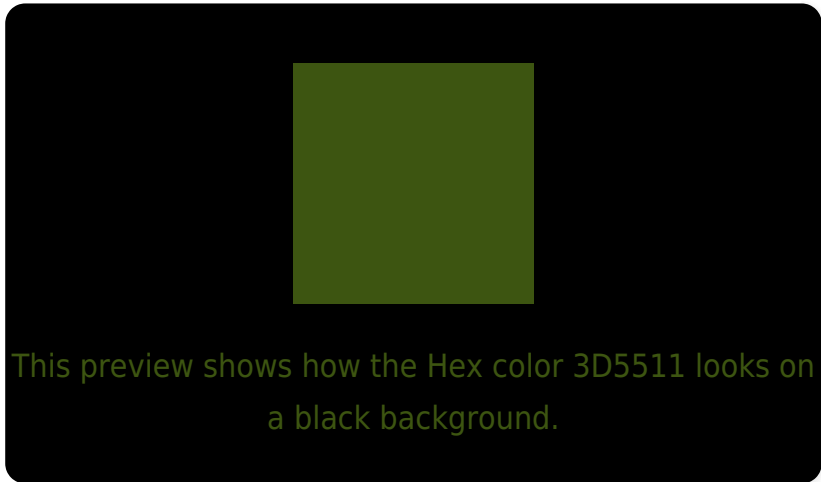
Large Text (above 18pt) WCAG AA ✓ Pass

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

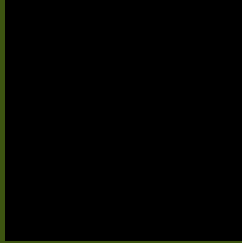
Any Text WCAG AA × Fail

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 3D5511 Background



This preview shows how black text looks on a background with the Hex color 3D5511.



This preview shows how white text looks on a background with the Hex color 3D5511.

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
3D5511

Protanopia
574E0F

Deuteranopia
614A17



Tritanopia
454F55

Trichromacy



Original Color
3D5511

Protanomaly
4E5110

Deuteranomaly
544E15

Tritanomaly
42513C

Monochromacy



Original Color
3D5511

Achromatopsia
464646

Achromatomaly
434B33

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D5511 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 #3D5511 looks like.

```
.text, #text, p{  
    color:#3D5511  
}
```

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 #3D5511 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5511
}
```

Border

The CSS property to change the border of an element to Hex 3D5511 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
#3D5511 }
```

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

```
.border{ border-color:#3D5511 }
```

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

Here you see how a box with a 4 pixel #3D5511 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5511; -webkit-box-shadow:4px 4px  
4px 4px #3D5511; box-shadow:4px 4px 4px  
4px #3D5511 }
```

Background

The CSS property to change the background color of an element to Hex 3D5511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5511 }
```

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

```
.background{ background-color:#3D5511 }
```

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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