

Converting Colors

Hex(3D5522)

Have a look what the booklet for
Hex(3D5522) contains.

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Color

Hex(3D5522)

Conversions

Conversions Part 1

Format	Color
Hex	3D5522
RGB	61, 85, 34
RGB Percent	24%, 33%, 13%
CMY	0.7608, 0.6667, 0.8667
CMYK	0.28, 0.00, 0.60, 0.67
HSL	88°, 43%, 23%
HSV	88°, 60%, 33%
XYZ	5.4617, 7.6046, 2.6933
YIQ	72.0100, 2.0670, -20.9490

Conversions

Conversions Part 2

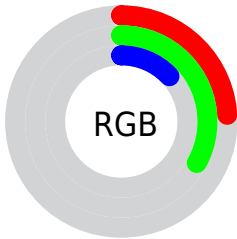
Format	Color
R_{YB}	34, 85, 58
Decimal	4019490
CIE _{Lab}	33.15, -18.89, 26.46
CIE _{LCh}	33, 32.510, 125.522
Yxy	7.6046, 0.3466, 0.4825
Android (android.graphics.Color)	4282209570 (0xFF3D5522)
YUV	72.0100, -18.7389, -9.6558
Hunter-Lab	27.5764, -12.9056, 13.5127

Details

The Hex color **3D5522** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3A2255**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6E8750**, and **112800** is the 20% darker color. If you saturate the color by 10%, you get **395519**, and if you desaturate by 10%, it is **41552A**.

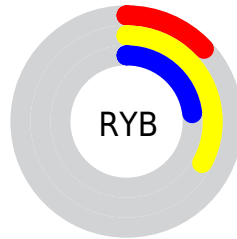
Distribution



Red (24%)

Green (33%)

Blue (13%)



Red (13%)

Yellow (33%)

Blue (23%)

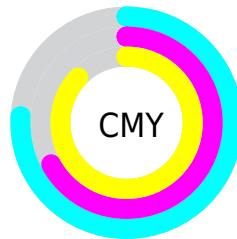


Cyan (28%)

Magenta (0%)

Yellow (60%)

Black (67%)



Cyan (76%)

Magenta (67%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D5522 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 3D5522 by changing the saturation by 10% instead.



3D5522



3D5522

FFFFFF



263E0C



6E8750



112800



88A169



001300



A3BC82



000000



BED89D



DAF4B8



F7FFD3



FFFFFF0



3D5522



3D5522

■ 395519

■ 41552A

■ 355511

■ 455533

■ 315508

■ 49553B

■ 2D5500

■ 4D5544

■ 51554C

■ 555555

■ 59555E

■ 5D5566

■ 61556E

Harmonies

Analogous

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



584E18



3D5522



155938

Triad

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



3D5522



00567C



7D374A

Complementary

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



3D5522



3A2255

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.



713B64



3D5522



254F81

Square

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



3D5522



005A6B



564578



7B3C31

Rectangle

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



3D5522



005A49



564578



7B3853

Sweetspot

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



3D5522



646E5A



553A22



32382C



B8B8B8



383838

Same Dimension

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



3D5522



486E1F



245522



292B27



396B00



7CEB00

Inverse Universe

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



3A2255



441F6E



532255



29272B



32006B



6E00EB

Previews

White Background



This preview shows how the Hex color 3D5522 looks on a white background.

Color Contrast Check

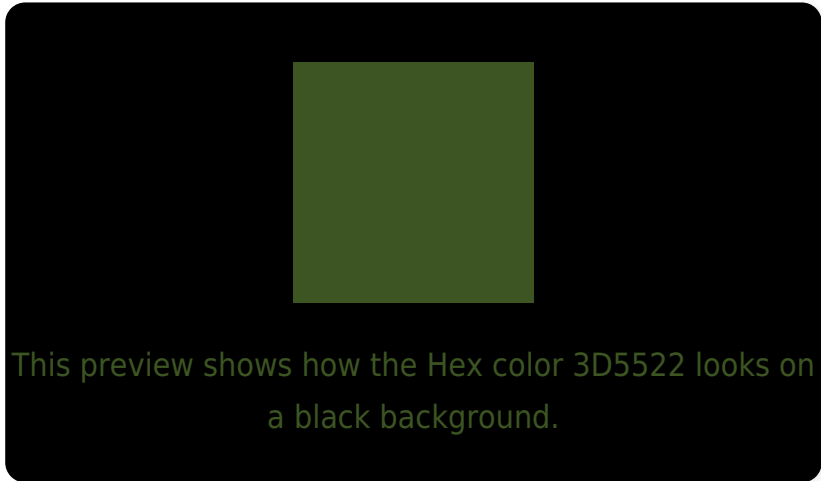
Large Text (above 18pt) WCAG AA ✓ Pass

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

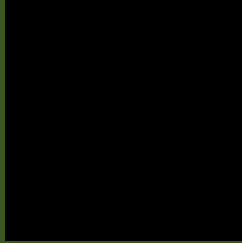
Any Text WCAG AA × Fail

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 3D5522 Background



This preview shows how black text looks on a background with the Hex color 3D5522.



This preview shows how white text looks on a background with the Hex color 3D5522.

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
3D5522

Protanopia
574E20

Deuteranopia
604A25



Tritanopia
445056

Trichromacy



Original Color
3D5522

Protanomaly
4E5121

Deuteranomaly
534E24

Tritanomaly
415243

Monochromacy



Original Color
3D5522

Achromatopsia
484848

Achromatomaly
444D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D5522 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 #3D5522 looks like.

```
.text, #text, p{  
    color:#3D5522  
}
```

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 #3D5522 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5522
}
```

Border

The CSS property to change the border of an element to Hex 3D5522 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
#3D5522 }
```

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

```
.border{ border-color:#3D5522 }
```

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

Here you see how a box with a 4 pixel #3D5522 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5522; -webkit-box-shadow:4px 4px  
4px 4px #3D5522; box-shadow:4px 4px 4px  
4px #3D5522 }
```

Background

The CSS property to change the background color of an element to Hex 3D5522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5522 }
```

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

```
.background{ background-color:#3D5522 }
```

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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