

Converting Colors

Hex(3C5226)

Have a look what the booklet for
Hex(3C5226) contains.

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Color

Hex(3C5226)

Conversions

Conversions Part 1

Format	Color
Hex	3C5226
RGB	60, 82, 38
RGB Percent	24%, 32%, 15%
CMY	0.7647, 0.6784, 0.8510
CMYK	0.27, 0.00, 0.54, 0.68
HSL	90°, 37%, 24%
HSV	90°, 54%, 32%
XYZ	5.2306, 7.1352, 2.9353
YIQ	70.4060, 1.0120, -18.3480

Conversions

Conversions Part 2

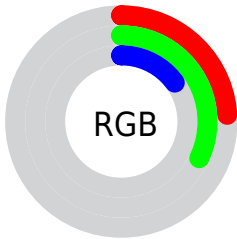
Format	Color
RYB	38, 82, 60
Decimal	3953190
CIELab	32.11, -17.20, 22.98
CIELCh	32, 28.706, 126.806
Yxy	7.1352, 0.3418, 0.4663
Android (android.graphics.Color)	4282143270 (0xFF3C5226)
YUV	70.4060, -15.9762, -9.1261
Hunter-Lab	26.7118, -11.7922, 12.1831

Details

The Hex color **3C5226** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3C2652**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6D8454**, and **112500** is the 20% darker color. If you saturate the color by 10%, you get **38521E**, and if you desaturate by 10%, it is **40522E**.

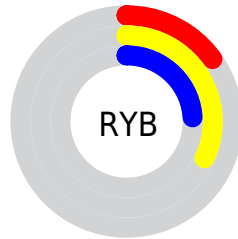
Distribution



Red (24%)

Green (32%)

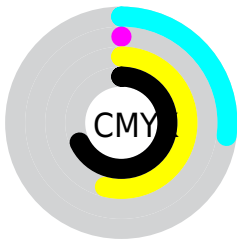
Blue (15%)



Red (15%)

Yellow (32%)

Blue (24%)

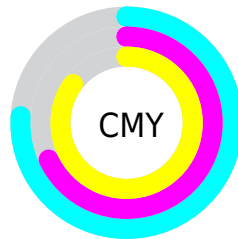


Cyan (27%)

Magenta (0%)

Yellow (54%)

Black (68%)



Cyan (76%)

Magenta (68%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C5226 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 3C5226 by changing the saturation by 10% instead.



3C5226



3C5226

FFFFFF



253B10



6D8454



112500



869E6D



000E00



A1B986



000000



BCD4A1



D8F1BC



F5FFD8



FFFFFF4



3C5226



3C5226

■ 38521E

■ 40522E

■ 345216

■ 445236

■ 30520D

■ 48523F

■ 2C5205

■ 4C5247

■ 295200

■ 51524F

■ 555257

■ 59525F

■ 5D5268

■ 615270

Harmonies

Analogous

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



544C1D



3C5226



1C5639

Triad

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



3C5226



005375



763847

Complementary

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



3C5226



3C2652

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.



6B3B5E



3C5226



2E4C78

Square

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



3C5226



005666



544470



733C32

Rectangle

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



3C5226



005748



544470



74394F

Sweetspot

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



3C5226



636B5A



523C26



30362B



B5B5B5



363636

Same Dimension

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



3C5226



496B27



265226



272925



346900



74E800

Inverse Universe

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



3C2652



49276B



522652



272529



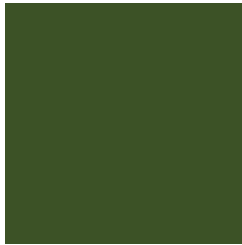
340069



7400E8

Previews

White Background



This preview shows how the Hex color 3C5226 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

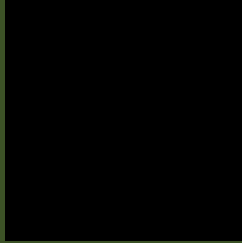
Any Text WCAG AA × Fail

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 3C5226 Background



This preview shows how black text looks on a background with the Hex color 3C5226.



This preview shows how white text looks on a background with the Hex color 3C5226.

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
3C5226

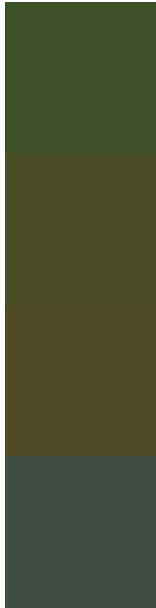
Protanopia
544B24

Deuteranopia
5C4829



Tritanopia
424D53

Trichromacy



Original Color
3C5226

Protanomaly
4B4E25

Deuteranomaly
504C28

Tritanomaly
404F43

Monochromacy



Original Color
3C5226

Achromatopsia
464646

Achromatomaly
424A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C5226 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 #3C5226 looks like.

```
.text, #text, p{  
    color:#3C5226  
}
```

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 #3C5226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5226
}
```

Border

The CSS property to change the border of an element to Hex 3C5226 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
#3C5226 }
```

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

```
.border{ border-color:#3C5226 }
```

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

Here you see how a box with a 4 pixel #3C5226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5226; -webkit-box-shadow:4px 4px  
4px 4px #3C5226; box-shadow:4px 4px 4px  
4px #3C5226 }
```

Background

The CSS property to change the background color of an element to Hex 3C5226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5226 }
```

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

```
.background{ background-color:#3C5226 }
```

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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