

Converting Colors

Hex(3D5A23)

Have a look what the booklet for
Hex(3D5A23) contains.

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Color

Hex(3D5A23)

Conversions

Conversions Part 1

Format	Color
Hex	3D5A23
RGB	61, 90, 35
RGB Percent	24%, 35%, 14%
CMY	0.7608, 0.6471, 0.8627
CMYK	0.32, 0.00, 0.61, 0.65
HSL	92°, 44%, 25%
HSV	92°, 61%, 35%
XYZ	5.8840, 8.4258, 2.9063
YIQ	75.0590, 0.3710, -23.2530

Conversions

Conversions Part 2

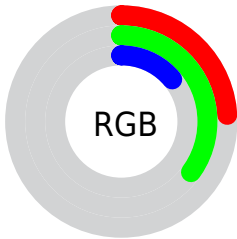
Format	Color
R_{YB}	35, 90, 64
Decimal	4020771
CIE _{Lab}	34.85, -21.40, 27.91
CIE _{LCh}	35, 35.172, 127.487
Yxy	8.4258, 0.3418, 0.4894
Android (android.graphics.Color)	4282210851 (0xFF3D5A23)
YUV	75.0590, -19.7491, -12.3297
Hunter-Lab	29.0272, -14.6144, 14.3827

Details

The Hex color **3D5A23** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **40235A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6E8C52**, and **102C00** is the 20% darker color. If you saturate the color by 10%, you get **385A1A**, and if you desaturate by 10%, it is **425A2C**.

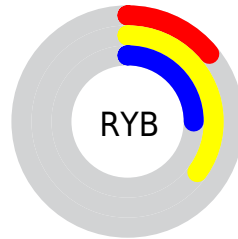
Distribution



Red (24%)

Green (35%)

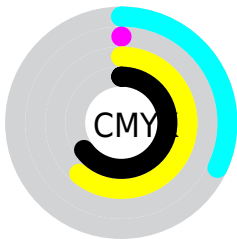
Blue (14%)



Red (14%)

Yellow (35%)

Blue (25%)

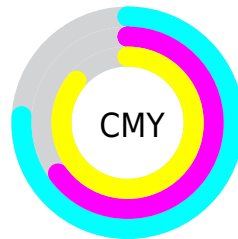


Cyan (32%)

Magenta (0%)

Yellow (61%)

Black (65%)



Cyan (76%)

Magenta (65%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D5A23 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 3D5A23 by changing the saturation by 10% instead.



3D5A23



3D5A23

FFFFFF



25420C



6E8C52



102C00



88A76A



001A00



A3C284



000000



BFDE9E



DBFBB9



F7FFD5



FFFFFF2



3D5A23



3D5A23

■ 385A1A

■ 425A2C

■ 345A11

■ 465A35

■ 2F5A08

■ 4B5A3E

■ 2B5A00

■ 505A47

■ 555A50

■ 595A59

■ 5E5A62

■ 635A6B

■ 685A74

Harmonies

Analogous

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



5B5316



3D5A23



0A5E3B

Triad

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



3D5A23



005B85



85394C

Complementary

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



3D5A23



40235A

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.



7A3D68



3D5A23



29538A

Square

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



3D5A23



005F73



5D487F



823E31

Rectangle

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



3D5A23



00604F



5D487F



833956

Sweetspot

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



3D5A23



6A7560



5A3F23



343B2E



BABABA



3B3B3B

Same Dimension

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



3D5A23



487520



235A24



2B2E29



346E00



70ED00

Inverse Universe

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



40235A



4D2075



5A2359



2C292E



3A006E



7D00ED

Previews

White Background



This preview shows how the Hex color 3D5A23 looks on a white background.

Color Contrast Check

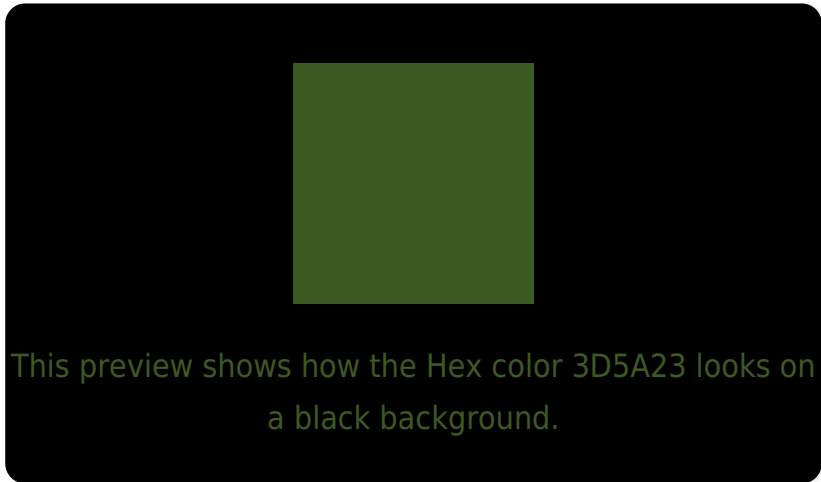
Large Text (above 18pt) WCAG AA ✓ Pass

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

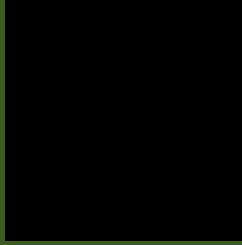
Any Text WCAG AA × Fail

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 3D5A23 Background



This preview shows how black text looks on a background with the Hex color 3D5A23.



This preview shows how white text looks on a background with the Hex color 3D5A23.

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
3D5A23

Protanopia
5B5221

Deuteranopia
654E27



Tritanopia
45545B

Trichromacy



Original Color
3D5A23

Protanomaly
505522

Deuteranomaly
565226

Tritanomaly
425647

Monochromacy



Original Color
3D5A23

Achromatopsia
4B4B4B

Achromatomaly
46503C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D5A23 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 #3D5A23 looks like.

```
.text, #text, p{  
    color:#3D5A23  
}
```

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 #3D5A23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5A23
}
```

Border

The CSS property to change the border of an element to Hex 3D5A23 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
#3D5A23 }
```

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

```
.border{ border-color:#3D5A23 }
```

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

Here you see how a box with a 4 pixel #3D5A23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5A23; -webkit-box-shadow:4px 4px  
4px 4px #3D5A23; box-shadow:4px 4px 4px  
4px #3D5A23 }
```

Background

The CSS property to change the background color of an element to Hex 3D5A23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5A23 }
```

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

```
.background{ background-color:#3D5A23 }
```

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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