

Converting Colors

Hex(3D7233)

Have a look what the booklet for
Hex(3D7233) contains.

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Color

Hex(3D7233)

Conversions

Conversions Part 1

Format	Color
Hex	3D7233
RGB	61, 114, 51
RGB Percent	24%, 45%, 20%
CMY	0.7608, 0.5529, 0.8000
CMYK	0.46, 0.00, 0.55, 0.55
HSL	110°, 38%, 32%
HSV	110°, 55%, 45%
XYZ	8.5393, 13.2657, 5.2424
YIQ	90.9710, -11.3650, -30.8290

Conversions

Conversions Part 2

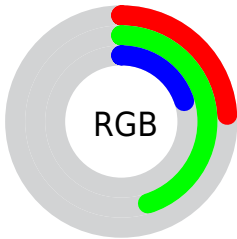
Format	Color
RYB	51, 114, 104
Decimal	4026931
CIELab	43.16, -31.06, 29.24
CIELCh	43, 42.663, 136.730
Yxy	13.2657, 0.3157, 0.4905
Android (android.graphics.Color)	4282217011 (0xFF3D7233)
YUV	90.9710, -19.7057, -26.2846
Hunter-Lab	36.4222, -21.8888, 16.9616

Details

The Hex color **3D7233** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **683372**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **70A663**, and **054104** is the 20% darker color. If you saturate the color by 10%, you get **337228**, and if you desaturate by 10%, it is **47723E**.

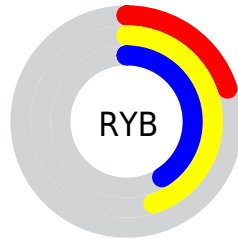
Distribution



Red (24%)

Green (45%)

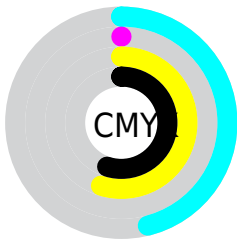
Blue (20%)



Red (20%)

Yellow (45%)

Blue (41%)

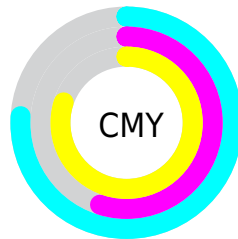


Cyan (46%)

Magenta (0%)

Yellow (55%)

Black (55%)



Cyan (76%)

Magenta (55%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D7233 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 3D7233 by changing the saturation by 10% instead.

 3D7233

 3D7233

FFFFFF

 23591C

 70A663

 054104

 8BC27D

 002B00

 A6DE97

 001300

 C2FBB2

 000000

 DEFFCD

 FBFEEA

 3D7233

 3D7233

 337228

 47723E

■ 2A721C

■ 50724A

■ 207211

■ 5A7255

■ 177205

■ 637261

■ 127200

■ 6D726C

■ 777277

■ 807283

■ 8A728E

■ 93729A

Harmonies

Analogous

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



666A1C



3D7233



007655

Triad

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



3D7233



006EAA



A74654

Complementary

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



3D7233



683372

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.



9E4877



3D7233



4A63AA

Square

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



3D7233



007599



815497



9D5134

Rectangle

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



3D7233



00776D



815497



A6455F

Sweetspot

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



3D7233



7F947B



726833



3E4A3B



C9C9C9



4A4A4A

Same Dimension

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



3D7233



429432



337248



333832



137800



27F700

Inverse Universe

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



683372



843294



72335D



373238



650078



D000F7

Previews

White Background



This preview shows how the Hex color 3D7233 looks on a white background.

Color Contrast Check

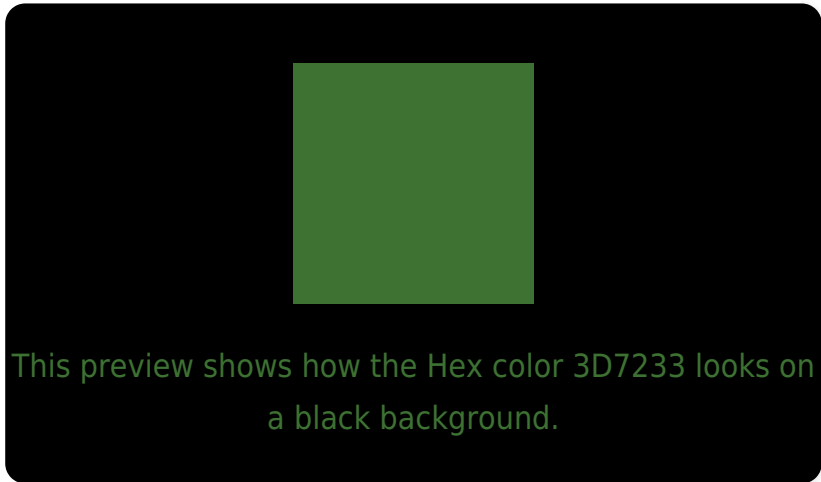
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

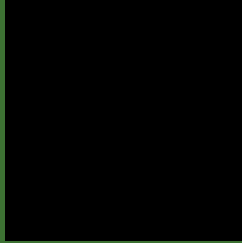
Any Text WCAG AA × Fail

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 3D7233 Background



This preview shows how black text looks on a background with the Hex color 3D7233.



This preview shows how white text looks on a background with the Hex color 3D7233.

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
3D7233

Protanopia
71662F

Deuteranopia
7C6138



Tritanopia
496B74

Trichromacy



Original Color
3D7233

Protanomaly
5E6A30

Deuteranomaly
656736

Tritanomaly
456E5C

Monochromacy



Original Color
3D7233

Achromatopsia
5B5B5B

Achromatomaly
50634C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D7233 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 #3D7233 looks like.

```
.text, #text, p{  
    color:#3D7233  
}
```

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 #3D7233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D7233
}
```

Border

The CSS property to change the border of an element to Hex 3D7233 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
#3D7233 }
```

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

```
.border{ border-color:#3D7233 }
```

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

Here you see how a box with a 4 pixel #3D7233 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D7233; -webkit-box-shadow:4px 4px  
4px 4px #3D7233; box-shadow:4px 4px 4px  
4px #3D7233 }
```

Background

The CSS property to change the background color of an element to Hex 3D7233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D7233 }
```

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

```
.background{ background-color:#3D7233 }
```

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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