

Converting Colors

Hex(75A335)

Have a look what the booklet for
Hex(75A335) contains.

Hex(75A335)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(75A335)

Conversions

Conversions Part 1

Format	Color
Hex	75A335
RGB	117, 163, 53
RGB Percent	46%, 64%, 21%
CMY	0.5412, 0.3608, 0.7922
CMYK	0.28, 0.00, 0.67, 0.36
HSL	85°, 51%, 42%
HSV	85°, 67%, 64%
XYZ	21.0759, 30.2333, 8.0930
YIQ	136.7060, 7.8940, -43.9620

Conversions

Conversions Part 2

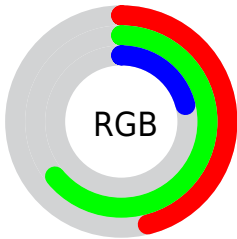
Format	Color
RYB	53, 163, 99
Decimal	7709493
CIELab	61.86, -32.95, 50.14
CIElCh	62, 59.998, 123.308
Yxy	30.2333, 0.3548, 0.5090
Android (android.graphics.Color)	4285899573 (0xFF75A335)
YUV	136.7060, -41.2671, -17.2822
Hunter-Lab	54.9848, -27.8037, 29.7628

Details

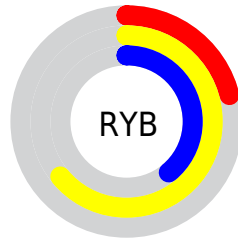
The Hex color **75A335** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6335A3**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **ACDA69**, and **406F00** is the 20% darker color. If you saturate the color by 10%, you get **6EA325**, and if you desaturate by 10%, it is **7CA345**.

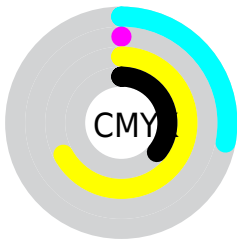
Distribution



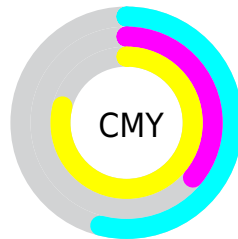
- Red (46%)
- Green (64%)
- Blue (21%)



- Red (21%)
- Yellow (64%)
- Blue (39%)



- Cyan (28%)
- Magenta (0%)
- Yellow (67%)
- Black (36%)



- Cyan (54%)
- Magenta (36%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75A335 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 75A335 by changing the saturation by 10% instead.



75A335



75A335

FFFFFF



5A8919



ACDA69



406F00



C8F784



255600



E5FF9F



033E00



FFFFBB



002800



FFFFD7



000D00



FFFFF4



000000



75A335



75A335



6EA325



7CA345

■ 67A314

■ 83A356

■ 61A304

■ 89A366

■ 5FA300

■ 90A376

■ 97A387

■ 9EA397

■ A5A3A7

■ ACA3B7

■ B2A3C8

Harmonies

Analogous

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



AC951E



75A335



0DAB63

Triad

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



75A335



00A7F4



F46392

Complementary

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



75A335



6335A3

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.



DA6EC6



75A335



009AFF

Square

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



75A335



00AECE



9E85EF



F16C5E

Rectangle

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



75A335



00AE87



9E85EF



EF64A4

Sweetspot

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



75A335



C2D4A9



A36335



606B51



EBEBEB



6B6B6B

Same Dimension

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



75A335



8CD428



3EA335



4E5249



559100



0A1200

Inverse Universe

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



6335A3



7028D4



9A35A3



4D4952



3D0091



070012

Previews

White Background



This preview shows how the Hex color 75A335 looks on a white background.

Color Contrast Check

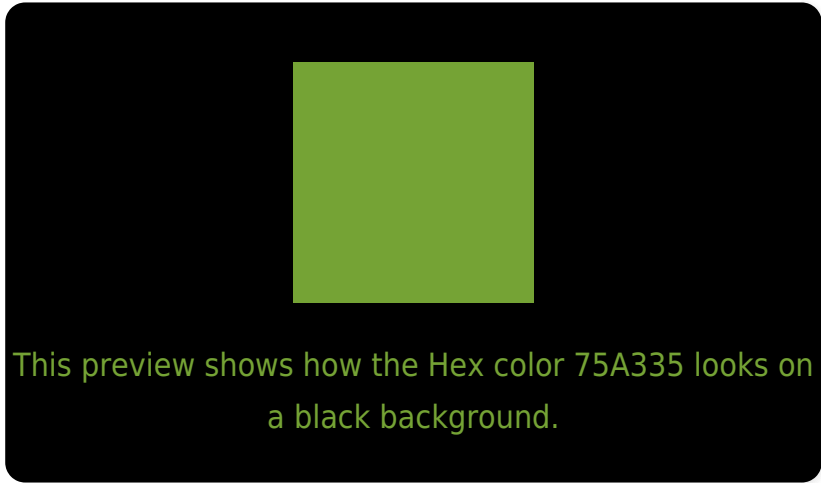
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 75A335 Background



This preview shows how black text looks on a background with the Hex color 75A335.



This preview shows how white text looks on a background with the Hex color 75A335.

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





Tritanopia
8398A4

Trichromacy



Original Color
75A335

Protanomaly
959A32

Deuteranomaly
A09639

Tritanomaly
7E9C7C

Monochromacy



Original Color
75A335

Achromatopsia
898989

Achromatomaly
82926A

CSS Examples

Text

The CSS property to change the color of the text to Hex 75A335 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 #75A335 looks like.

```
.text, #text, p{  
    color:#75A335  
}
```

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 #75A335 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75A335
}
```

Border

The CSS property to change the border of an element to Hex 75A335 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
#75A335 }
```

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

```
.border{ border-color:#75A335 }
```

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

Here you see how a box with a 4 pixel #75A335 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75A335; -webkit-box-shadow:4px 4px  
4px 4px #75A335; box-shadow:4px 4px 4px  
4px #75A335 }
```

Background

The CSS property to change the background color of an element to Hex 75A335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75A335 }
```

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

```
.background{ background-color:#75A335 }
```

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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