

Converting Colors

Hex(789A35)

Have a look what the booklet for
Hex(789A35) contains.

Hex(789A35)	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(789A35)

Conversions

Conversions Part 1

Format	Color
Hex	789A35
RGB	120, 154, 53
RGB Percent	47%, 60%, 21%
CMY	0.5294, 0.3961, 0.7922
CMYK	0.22, 0.00, 0.66, 0.40
HSL	80°, 49%, 41%
HSV	80°, 66%, 60%
XYZ	19.9439, 27.3613, 7.5983
YIQ	132.3200, 12.1570, -38.6190

Conversions

Conversions Part 2

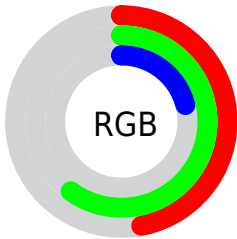
Format	Color
RYB	53, 154, 87
Decimal	7903797
CIELab	59.31, -27.48, 47.50
CIELCh	59, 54.877, 120.054
Yxy	27.3613, 0.3633, 0.4984
Android (android.graphics.Color)	4286093877 (0xFF789A35)
YUV	132.3200, -39.1048, -10.8046
Hunter-Lab	52.3080, -23.4809, 28.0032

Details

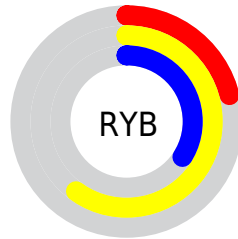
The Hex color **789A35** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **57359A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **AFD169**, and **446700** is the 20% darker color. If you saturate the color by 10%, you get **739A26**, and if you desaturate by 10%, it is **7D9A44**.

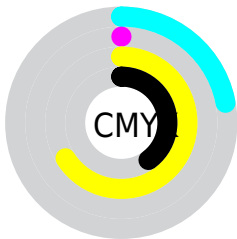
Distribution



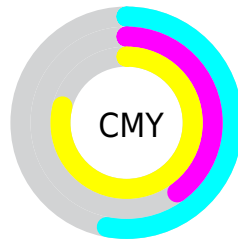
- Red (47%)
- Green (60%)
- Blue (21%)



- Red (21%)
- Yellow (60%)
- Blue (34%)



- Cyan (22%)
- Magenta (0%)
- Yellow (66%)
- Black (40%)



- Cyan (53%)
- Magenta (40%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789A35 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 789A35 by changing the saturation by 10% instead.



789A35



789A35

FFFFFF



5E801A



AFD169



446700



CBED83



2B4E00



E8FF9E



0E3700



FFFFBA



002300



FFFFD6



000000



FFFFF3



789A35



789A35



739A26



7D9A44

■ 6E9A16

■ 829A54

■ 689A07

■ 889A63

■ 669A00

■ 8D9A73

■ 929A82

■ 979A91

■ 9C9AA1

■ A19AB0

■ A79AC0

Harmonies

Analogous

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



A88C26



789A35



31A25C

Triad

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



789A35



00A0E2



E46291

Complementary

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



789A35



57359A

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.



C96EC0



789A35



0094EF

Square

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



789A35



00A5BE



8F82E3



E46861

Rectangle

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



789A35



00A57D



8F82E3



DE64A1

Sweetspot

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



789A35



BCC9A1



9A5735



5E664E



E6E6E6



666666

Same Dimension

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



789A35



94C92A



469A35



4A4D45



5D8C00



080D00

Inverse Universe

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



57359A



602AC9



89359A



47454D



2F008C



04000D

Previews

White Background



This preview shows how the Hex color 789A35 looks on a white background.

Color Contrast Check

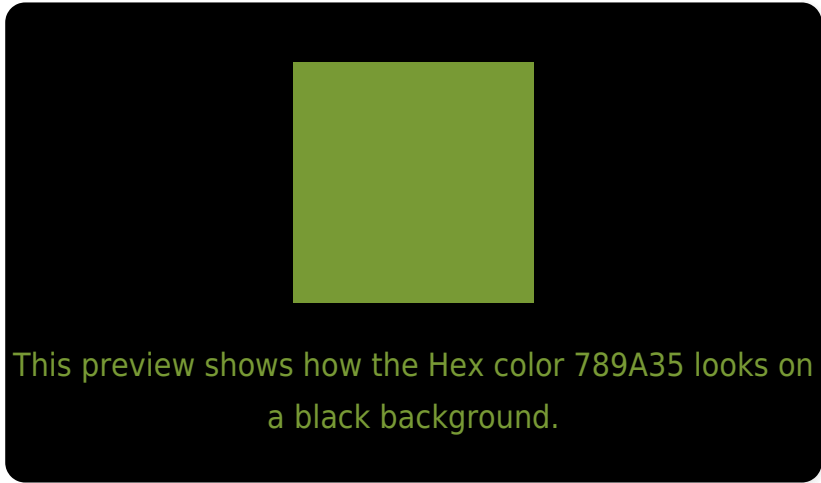
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex 789A35 Background



This preview shows how black text looks on a background with the Hex color 789A35.



This preview shows how white text looks on a background with the Hex color 789A35.

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
789A35

Protanopia
9F8F32

Deuteranopia
B1873B



Tritanopia
84909B

Trichromacy



Original Color
789A35

Protanomaly
919333

Deuteranomaly
9C8E39

Tritanomaly
809476

Monochromacy



Original Color
789A35

Achromatopsia
848484

Achromatomaly
808C67

CSS Examples

Text

The CSS property to change the color of the text to Hex 789A35 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 #789A35 looks like.

```
.text, #text, p{  
    color:#789A35  
}
```

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 #789A35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789A35
}
```

Border

The CSS property to change the border of an element to Hex 789A35 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
#789A35 }
```

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

```
.border{ border-color:#789A35 }
```

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

Here you see how a box with a 4 pixel #789A35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789A35; -webkit-box-shadow:4px 4px  
4px 4px #789A35; box-shadow:4px 4px 4px  
4px #789A35 }
```

Background

The CSS property to change the background color of an element to Hex 789A35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789A35 }
```

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

```
.background{ background-color:#789A35 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor