

Converting Colors

Hex(789921)

Have a look what the booklet for
Hex(789921) contains.

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Color

Hex(789921)

Conversions

Conversions Part 1

Format	Color
Hex	789921
RGB	120, 153, 33
RGB Percent	47%, 60%, 13%
CMY	0.5294, 0.4000, 0.8706
CMYK	0.22, 0.00, 0.78, 0.40
HSL	76°, 65%, 36%
HSV	76°, 78%, 60%
XYZ	19.4115, 26.8853, 5.6051
YIQ	129.4530, 18.8520, -44.3160

Conversions

Conversions Part 2

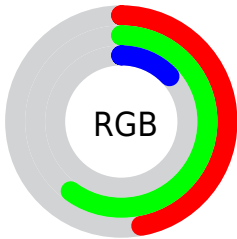
Format	Color
R_{YB}	33, 153, 66
Decimal	7903521
CIE _{Lab}	58.87, -28.26, 54.68
CIE _{LCh}	59, 61.553, 117.328
Yxy	26.8853, 0.3740, 0.5180
Android (android.graphics.Color)	4286093601 (0xFF789921)
YUV	129.4530, -47.5513, -8.2903
Hunter-Lab	51.8511, -23.9144, 29.8865

Details

The Hex color **789921** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **422199**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **AFCF58**, and **436600** is the 20% darker color. If you saturate the color by 10%, you get **749912**, and if you desaturate by 10%, it is **7C9930**.

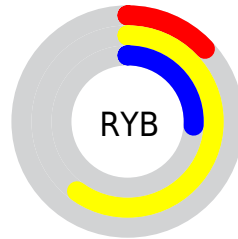
Distribution



Red (47%)

Green (60%)

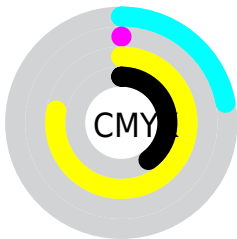
Blue (13%)



Red (13%)

Yellow (60%)

Blue (26%)

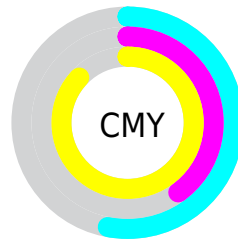


Cyan (22%)

Magenta (0%)

Yellow (78%)

Black (40%)



Cyan (53%)

Magenta (40%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789921 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 789921 by changing the saturation by 10% instead.



789921



789921

FFFFFF



5D7F00



AFCF58



436600



CCEC73



294E00



E9FF8E



0A3700



FFFFA9



002200



FFFFC5



000000



FFFFE2



789921




789921




749912



7C9930

 709902

 809940

 6F9900

 85994F

 89995E

 8D996D

 91997D

 95998C

 9A999B

 9E99AB

Harmonies

Analogous

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



AD890D



789921



23A250

Triad

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



789921



00A2E8



EB5995

Complementary

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



789921



422199

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.



CA69C9



789921



0095FA

Square

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



789921



00A7BE



8481EE



EC5F5F

Rectangle

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



789921



00A674



8481EE



E35CA7

Sweetspot

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



789921



BAC797



994121



5C6347



E3E3E3



636363

Same Dimension

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



789921



93C70C



3D9921



4A4D45



668C00



090D00

Inverse Universe

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



422199



3F0CC7



7D2199



47454D



27008C



04000D

Previews

White Background



This preview shows how the Hex color 789921 looks on a white background.

Color Contrast Check

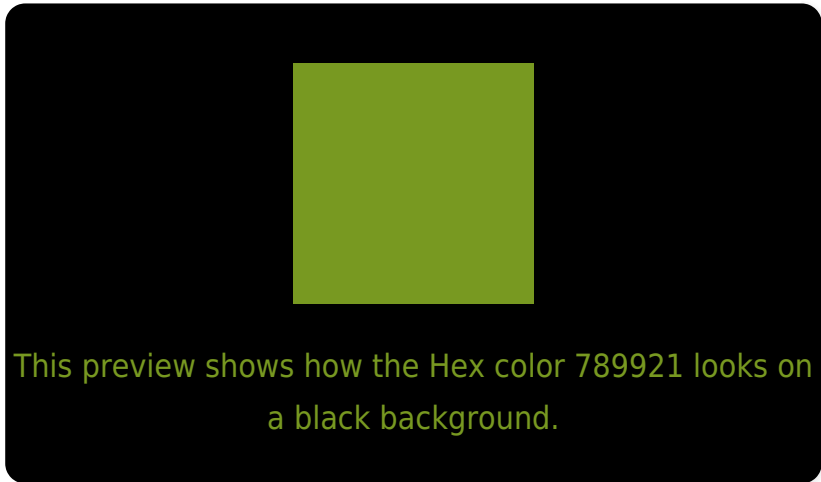
Large Text (above 18pt) WCAG AA ✓ Pass

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 789921 Background



This preview shows how black text looks on a background with the Hex color 789921.



This preview shows how white text looks on a background with the Hex color 789921.

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
789921

Protanopia
9F8E1E

Deuteranopia
B1862A



Tritanopia
858F9A

Trichromacy



Original Color
789921

Protanomaly
91921F

Deuteranomaly
9C8D27

Tritanomaly
80936E

Monochromacy



Original Color
789921

Achromatopsia
818181

Achromatomaly
7E8A5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 789921 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 #789921 looks like.

```
.text, #text, p{  
    color:#789921  
}
```

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 #789921 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789921
}
```

Border

The CSS property to change the border of an element to Hex 789921 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
#789921 }
```

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

```
.border{ border-color:#789921 }
```

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

Here you see how a box with a 4 pixel #789921 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789921; -webkit-box-shadow:4px 4px  
4px 4px #789921; box-shadow:4px 4px 4px  
4px #789921 }
```

Background

The CSS property to change the background color of an element to Hex 789921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789921 }
```

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

```
.background{ background-color:#789921 }
```

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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