

Converting Colors

Hex(789230)

Have a look what the booklet for
Hex(789230) contains.

Hex(789230)	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(789230)

Conversions

Conversions Part 1

Format	Color
Hex	789230
RGB	120, 146, 48
RGB Percent	47%, 57%, 19%
CMY	0.5294, 0.4275, 0.8118
CMYK	0.18, 0.00, 0.67, 0.43
HSL	76°, 51%, 38%
HSV	76°, 67%, 57%
XYZ	18.5581, 24.7642, 6.5982
YIQ	127.0540, 15.9620, -35.9900

Conversions

Conversions Part 2

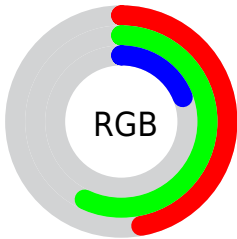
Format	Color
RYB	48, 146, 74
Decimal	7901744
CIELab	56.84, -23.92, 47.04
CIElCh	57, 52.769, 116.952
Yxy	24.7642, 0.3718, 0.4961
Android (android.graphics.Color)	4286091824 (0xFF789230)
YUV	127.0540, -38.9736, -6.1864
Hunter-Lab	49.7637, -20.5194, 26.9733

Details

The Hex color **789230** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4A3092**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **AFC863**, and **445F00** is the 20% darker color. If you saturate the color by 10%, you get **749221**, and if you desaturate by 10%, it is **7C923F**.

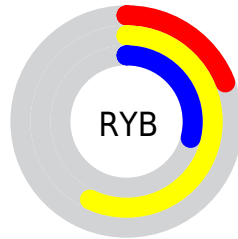
Distribution



Red (47%)

Green (57%)

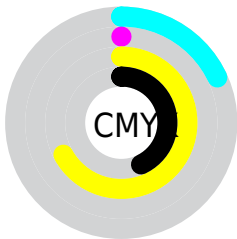
Blue (19%)



Red (19%)

Yellow (57%)

Blue (29%)

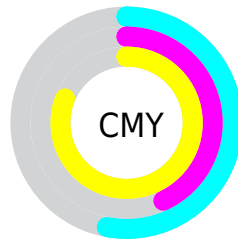


Cyan (18%)

Magenta (0%)

Yellow (67%)

Black (43%)



Cyan (53%)

Magenta (43%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789230 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 789230 by changing the saturation by 10% instead.

 789230

 789230

FFFFFF

 5E7814

 AFC863

 445F00

 CBE47E

 2C4800

 E8FF98

 103100

 FFFFB4

 001E00

 FFFF00

 000000

 FFFFED

 789230

 789230

 749221

 7C923F

■ 709213

■ 80924D

■ 6C9204

■ 84925C

■ 6B9200

■ 87926A

■ 8B9279

■ 8F9288

■ 939296

■ 9792A5

■ 9B92B3

Harmonies

Analogous

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



A58425



789230



399A54

Triad

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



789230



009AD5



D95F8F

Complementary

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



789230



4A3092

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.



BC6BBB



789230



008FE4

Square

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



789230



009EB1



817EDB



DB6361

Rectangle

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



789230



009D72



817EDB



D2619E

Sweetspot

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



789230



B3BD97



924930



585E48



DEDEDE



5E5E5E

Same Dimension

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



789230



94BD24



499230



484A43



658A00



070A00

Inverse Universe

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



4A3092



4C24BD



7A3092



45434A



25008A



03000A

Previews

White Background



This preview shows how the Hex color 789230 looks on a white background.

Color Contrast Check

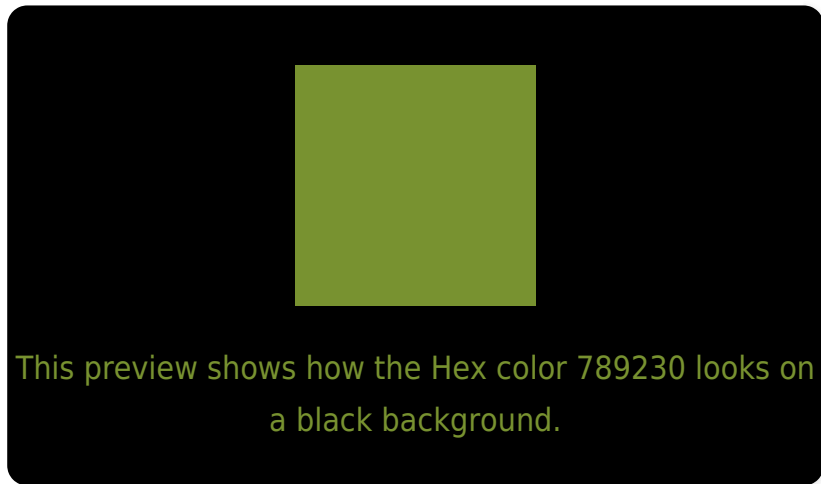
Large Text (above 18pt) WCAG AA ✓ Pass

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 789230 Background



This preview shows how black text looks on a background with the Hex color 789230.



This preview shows how white text looks on a background with the Hex color 789230.

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
838893

Trichromacy



Original Color
789230

Protanomaly
8C8C2E

Deuteranomaly
978734

Tritanomaly
7F8C6F

Monochromacy



Original Color
789230

Achromatopsia
7F7F7F

Achromatomaly
7C8662

CSS Examples

Text

The CSS property to change the color of the text to Hex 789230 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 #789230 looks like.

```
.text, #text, p{  
    color:#789230  
}
```

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 #789230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789230
}
```

Border

The CSS property to change the border of an element to Hex 789230 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
#789230 }
```

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

```
.border{ border-color:#789230 }
```

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

Here you see how a box with a 4 pixel #789230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789230; -webkit-box-shadow:4px 4px  
4px 4px #789230; box-shadow:4px 4px 4px  
4px #789230 }
```

Background

The CSS property to change the background color of an element to Hex 789230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789230 }
```

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

```
.background{ background-color:#789230 }
```

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