

# Converting Colors

Hex(82610F)

Have a look what the booklet for  
Hex(82610F) contains.

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**Color**

**Hex(82610F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	82610F
RGB	130, 97, 15
RGB Percent	51%, 38%, 6%
CMY	0.4902, 0.6196, 0.9412
CMYK	0.00, 0.25, 0.88, 0.49
HSL	43°, 79%, 28%
HSV	43°, 88%, 51%
XYZ	13.5668, 13.3297, 2.3098
YIQ	97.5190, 45.9900, -18.5060

# Conversions

## Conversions Part 2

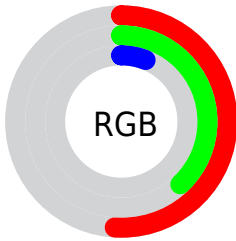
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 130, 15
Decimal	8544527
CIELab	43.26, 5.89, 46.80
CIELCh	43, 47.170, 82.823
Yxy	13.3297, 0.4645, 0.4564
Android (android.graphics.Color)	4286734607 (0xFF82610F)
YUV	97.5190, -40.6819, 28.4858
Hunter-Lab	36.5099, 2.4372, 21.8060

# Details

The Hex color **82610F** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0F3082**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **BB9344**, and **4C3300** is the 20% darker color. If you saturate the color by 10%, you get **825D02**, and if you desaturate by 10%, it is **82651C**.

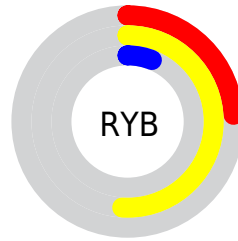
# Distribution



Red (51%)

Green (38%)

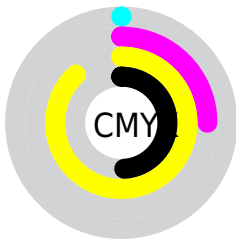
Blue (6%)



Red (24%)

Yellow (51%)

Blue (6%)

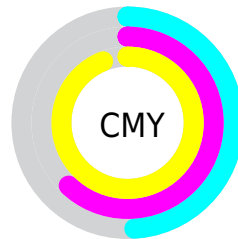


Cyan (0%)

Magenta (25%)

Yellow (88%)

Black (49%)



Cyan (49%)

Magenta (62%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82610F 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 82610F by changing the saturation by 10% instead.





82610F



82610F

FFFFFF



674900



BB9344



4C3300



D8AE5D



321E00



F5C977



1A0700



FFE591



000000



FFFFAC



FFFFC8



FFFFE5



82610F



82610F

■ 825D02

■ 82651C

■ 825D00

■ 826829

■ 826C36

■ 827043

■ 827450

■ 82775D

■ 827B6A

■ 827F77

■ 828384

# Harmonies

## Analogous

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



9E5128



82610F



5D6D15

# Triad

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



82610F



007983



8C4F96

# Complementary

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



82610F



0F3082

# 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.



5560AE



82610F



0075A4

# Square

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



82610F



00785B



006DB4



A84271

# Rectangle

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



82610F



3E7229



006DB4



7E54A0



# Sweetspot

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



82610F



A89B7B



820F32



544C39



D4D4D4



545454



# Same Dimension

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



82610F



A87800



6B820F



403E39



805B00



000000



# Inverse Universe

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



0F3082



0030A8



260F82



393B40



002580

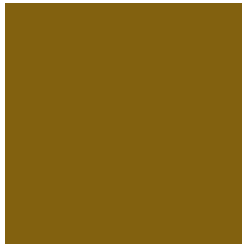


000000



# Previews

## White Background



This preview shows how the Hex color 82610F looks on a white background.

## Color Contrast Check

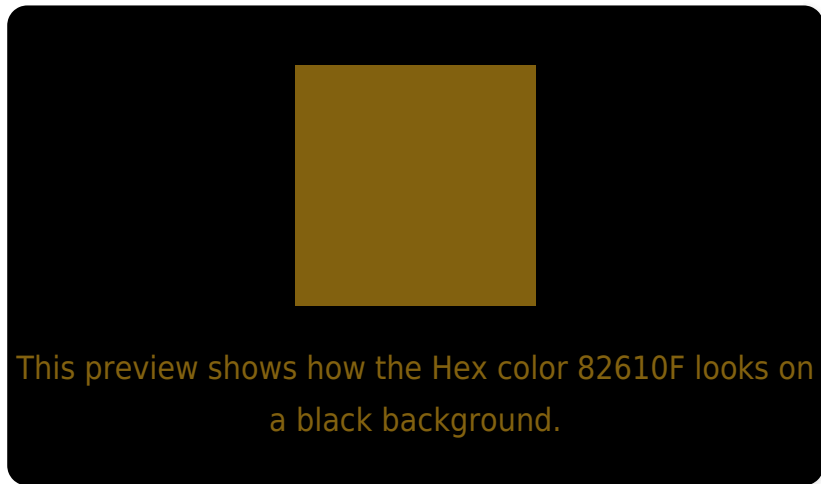
Large Text (above 18pt) WCAG AA ✓ Pass

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 82610F Background



This preview shows how black text looks on a background with the Hex color 82610F.



This preview shows how white text looks on a background with the Hex color 82610F.

# 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**  
82610F

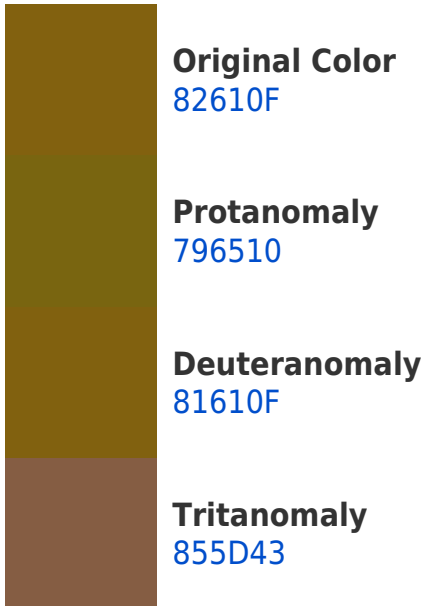
**Protanopia**  
746711

**Deuteranopia**  
81610F

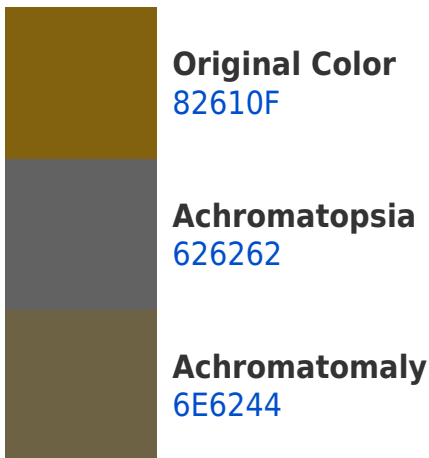


**Tritanopia**  
875A61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82610F 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 #82610F looks like.

```
.text, #text, p{  
    color:#82610F  
}
```

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 #82610F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82610F
}
```

## Border

The CSS property to change the border of an element to Hex 82610F is called "border". The border property can be set on classes, ids or directly on the HTML element.

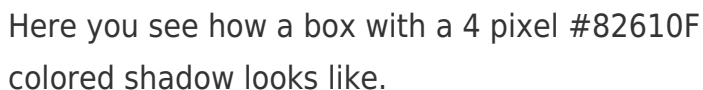
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82610F }
```

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

```
.border{ border-color:#82610F }
```

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



Here you see how a box with a 4 pixel #82610F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82610F; -webkit-box-shadow:4px 4px  
4px 4px #82610F; box-shadow:4px 4px 4px  
4px #82610F }
```

# Background

The CSS property to change the background color of an element to Hex 82610F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82610F }
```

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

```
.background{ background-color:#82610F }
```

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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