

Converting Colors

Hex(75AF21)

Have a look what the booklet for
Hex(75AF21) contains.

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Color

Hex(75AF21)

Conversions

Conversions Part 1

Format	Color
Hex	75AF21
RGB	117, 175, 33
RGB Percent	46%, 69%, 13%
CMY	0.5412, 0.3137, 0.8706
CMYK	0.33, 0.00, 0.81, 0.31
HSL	85°, 68%, 41%
HSV	85°, 81%, 69%
XYZ	22.9406, 34.5517, 6.8989
YIQ	141.4700, 11.0140, -56.4580

Conversions

Conversions Part 2

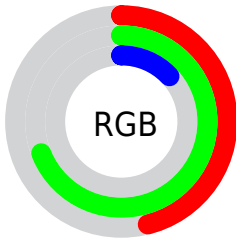
Format	Color
RYB	33, 175, 91
Decimal	7712545
CIELab	65.40, -39.54, 60.61
CIELCh	65, 72.369, 123.123
Yxy	34.5517, 0.3563, 0.5366
Android (android.graphics.Color)	4285902625 (0xFF75AF21)
YUV	141.4700, -53.4757, -21.4602
Hunter-Lab	58.7807, -33.2021, 34.1878

Details

The Hex color **75AF21** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5B21AF**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **ADE75B**, and **3D7A00** is the 20% darker color. If you saturate the color by 10%, you get **6EAF0F**, and if you desaturate by 10%, it is **7CAF32**.

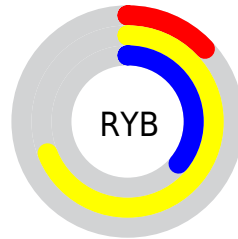
Distribution



Red (46%)

Green (69%)

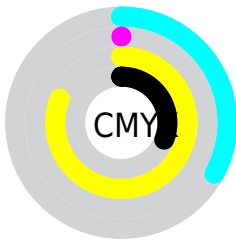
Blue (13%)



Red (13%)

Yellow (69%)

Blue (36%)

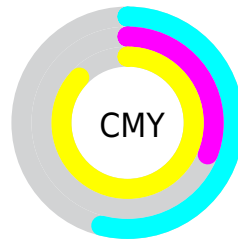


Cyan (33%)

Magenta (0%)

Yellow (81%)

Black (31%)



Cyan (54%)

Magenta (31%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75AF21 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 75AF21 by changing the saturation by 10% instead.



75AF21



75AF21

FFFFFF



599400



ADE75B



3D7A00



CAFF76



206100



E8FF92



004800



FFFFAE



003100



FFFCA



001B00



FFF7E7



000000



75AF21



75AF21



6EAF0F



7CAF32

■ 68AF00

■ 83AF44

■ 8AAF55

■ 92AF67

■ 99AF78

■ A0AF8A

■ A7AF9B

■ AEAFFD

■ B5AFBF

Harmonies

Analogous

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



B79E00



75AF21



00B961

Triad

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



75AF21



00B5FF



FF5B9B

Complementary

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



75AF21



5B21AF

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.



F16CDB



75AF21



00A4FF

Square

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



75AF21



00BCE4



A78AFF



FF695C

Rectangle

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



75AF21



00BC8D



A78AFF



FF5DB1

Sweetspot

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



75AF21



CDE3AC



AF5A21



657351



F2F2F2



737373

Same Dimension

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



75AF21



89E307



2FAF21



53574E



599600



0E1700

Inverse Universe

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



5B21AF



6107E3



A121AF



524E57



3D0096



090017

Previews

White Background



This preview shows how the Hex color 75AF21 looks on a white background.

Color Contrast Check

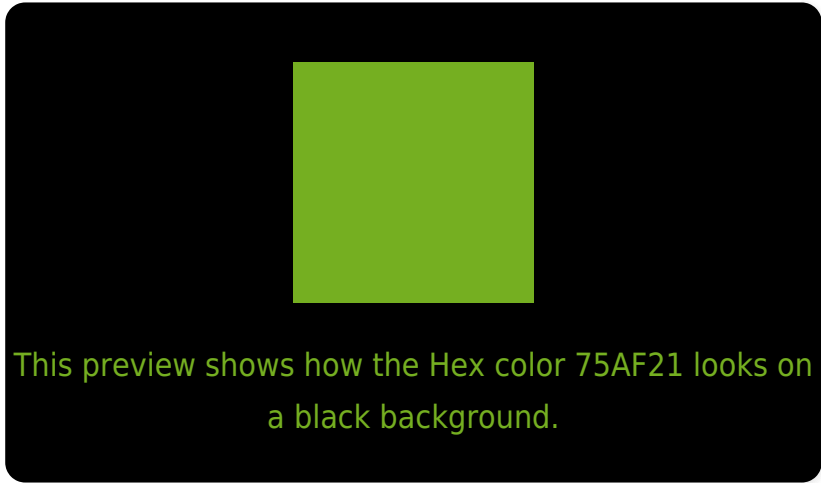
Large Text (above 18pt) WCAG AA × Fail

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 75AF21 Background



This preview shows how black text looks on a background with the Hex color 75AF21.

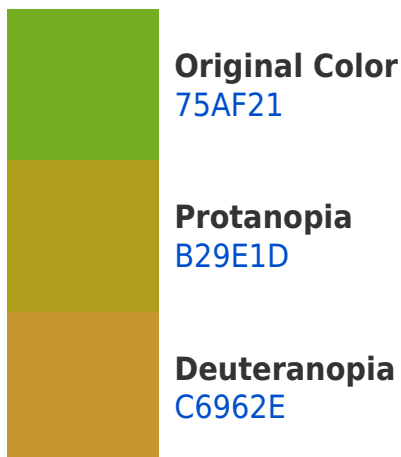


This preview shows how white text looks on a background with the Hex color 75AF21.

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
86A3B0

Trichromacy



Original Color
75AF21

Protanomaly
9CA41E

Deuteranomaly
A99F29

Tritanomaly
80A77C

Monochromacy



Original Color
75AF21

Achromatopsia
8D8D8D

Achromatomaly
849966

CSS Examples

Text

The CSS property to change the color of the text to Hex 75AF21 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 #75AF21 looks like.

```
.text, #text, p{  
    color:#75AF21  
}
```

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 #75AF21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75AF21
}
```

Border

The CSS property to change the border of an element to Hex 75AF21 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
#75AF21 }
```

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

```
.border{ border-color:#75AF21 }
```

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

Here you see how a box with a 4 pixel #75AF21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75AF21; -webkit-box-shadow:4px 4px  
4px 4px #75AF21; box-shadow:4px 4px 4px  
4px #75AF21 }
```

Background

The CSS property to change the background color of an element to Hex 75AF21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75AF21 }
```

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

```
.background{ background-color:#75AF21 }
```

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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