

Converting Colors

Hex(74A206)

Have a look what the booklet for
Hex(74A206) contains.

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Color

Hex(74A206)

Conversions

Conversions Part 1

Format	Color
Hex	74A206
RGB	116, 162, 6
RGB Percent	45%, 64%, 2%
CMY	0.5451, 0.3647, 0.9765
CMYK	0.28, 0.00, 0.96, 0.36
HSL	78°, 93%, 33%
HSV	78°, 96%, 64%
XYZ	20.1557, 29.5668, 4.8169
YIQ	130.4620, 22.6600, -58.2680

Conversions

Conversions Part 2

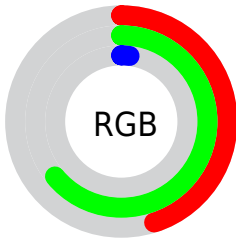
Format	Color
RYB	6, 162, 52
Decimal	7643654
CIELab	61.28, -34.93, 62.50
CIELCh	61, 71.604, 119.200
Yxy	29.5668, 0.3696, 0.5421
Android (android.graphics.Color)	4285833734 (0xFF74A206)
YUV	130.4620, -61.3598, -12.6832
Hunter-Lab	54.3754, -28.9912, 32.8104

Details

The Hex color **74A206** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3406A2**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ACD94C**, and **3D6E00** is the 20% darker color. If you saturate the color by 10%, you get **72A200**, and if you desaturate by 10%, it is **79A216**.

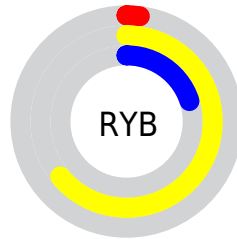
Distribution



Red (45%)

Green (64%)

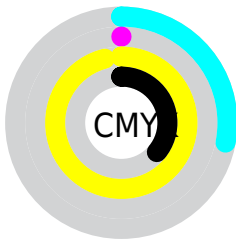
Blue (2%)



Red (2%)

Yellow (64%)

Blue (20%)

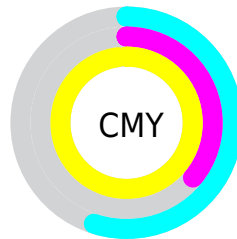


Cyan (28%)

Magenta (0%)

Yellow (96%)

Black (36%)



Cyan (55%)

Magenta (36%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74A206 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 74A206 by changing the saturation by 10% instead.

 74A206

 74A206

FFFFFF

 588800

 ACD94C

 3D6E00

 C9F667

 205500

 E6FF83

 003E00

 FFFF9E

 002800

 FFFFBB

 000900

 FFFFD7

 000000

 FFFFF5

 74A206

 74A206

■ 72A200

■ 79A216

■ 7EA226

■ 82A237

■ 87A247

■ 8CA257

■ 91A267

■ 95A277

■ 9AA288

■ 9FA298

Harmonies

Analogous

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



B39100



74A206



00AC4F

Triad

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



74A206



00AFFF



FF5098

Complementary

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



74A206



3406A2

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.



DD65D6



74A206



009CFF

Square

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



74A206



00B0D0



8D84FF



FF5B5A

Rectangle

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



74A206



00AF7A



8D84FF



F954AE

Sweetspot

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



74A206



C2D496



A23206



606B46



EBEBEB



6B6B6B

Same Dimension

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



74A206



95D400



28A206



4F5249



669100



0D1200

Inverse Universe

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



3406A2



3E00D4



8006A2



4C4952



2B0091



050012

Previews

White Background



This preview shows how the Hex color 74A206 looks on a white background.

Color Contrast Check

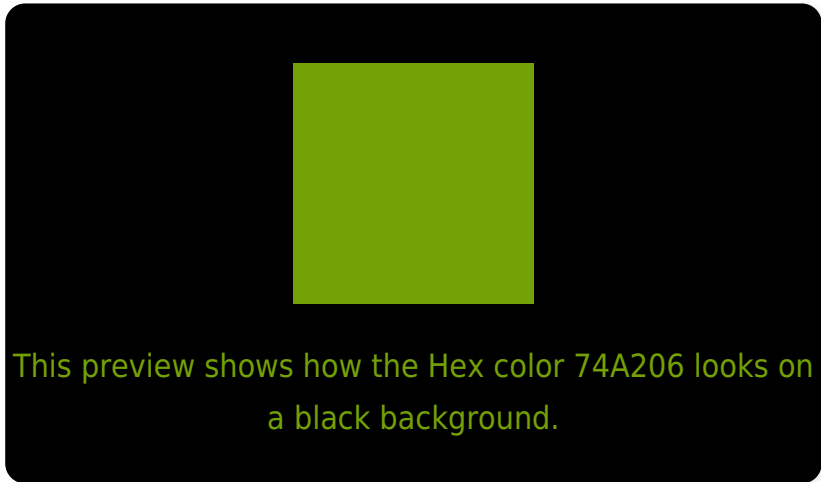
Large Text (above 18pt) WCAG AA ✓ Pass

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 74A206 Background



This preview shows how black text looks on a background with the Hex color 74A206.

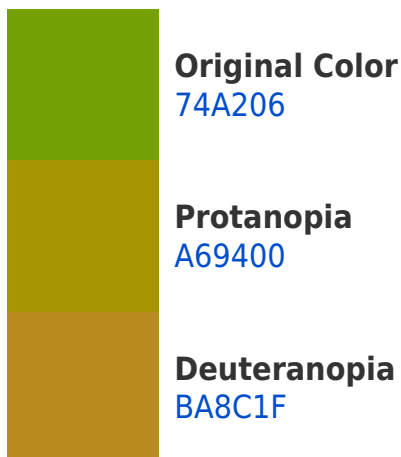


This preview shows how white text looks on a background with the Hex color 74A206.

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
8397A3

Trichromacy



Original Color
74A206

Protanomaly
949902

Deuteranomaly
A19416

Tritanomaly
7E9B6A

Monochromacy



Original Color
74A206

Achromatopsia
828282

Achromatomaly
7D8E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 74A206 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 #74A206 looks like.

```
.text, #text, p{  
    color:#74A206  
}
```

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 #74A206 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74A206
}
```

Border

The CSS property to change the border of an element to Hex 74A206 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
#74A206 }
```

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

```
.border{ border-color:#74A206 }
```

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

Here you see how a box with a 4 pixel #74A206 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74A206; -webkit-box-shadow:4px 4px  
4px 4px #74A206; box-shadow:4px 4px 4px  
4px #74A206 }
```

Background

The CSS property to change the background color of an element to Hex 74A206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74A206 }
```

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

```
.background{ background-color:#74A206 }
```

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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