

Converting Colors

Hex(6EA430)

Have a look what the booklet for
Hex(6EA430) contains.

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Color

Hex(6EA430)

Conversions

Conversions Part 1

Format	Color
Hex	6EA430
RGB	110, 164, 48
RGB Percent	43%, 64%, 19%
CMY	0.5686, 0.3569, 0.8118
CMYK	0.33, 0.00, 0.71, 0.36
HSL	88°, 55%, 42%
HSV	88°, 71%, 64%
XYZ	20.2394, 30.0793, 7.5355
YIQ	134.6300, 5.0520, -47.5240

Conversions

Conversions Part 2

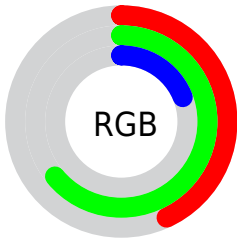
Format	Color
RYB	48, 164, 102
Decimal	7250992
CIELab	61.72, -36.43, 51.89
CIELCh	62, 63.405, 125.074
Yxy	30.0793, 0.3498, 0.5199
Android (android.graphics.Color)	4285441072 (0xFF6EA430)
YUV	134.6300, -42.7086, -21.6005
Hunter-Lab	54.8446, -30.1060, 30.2450

Details

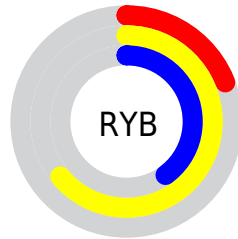
The Hex color **6EA430** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6630A4**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **A5DB65**, and **387000** is the 20% darker color. If you saturate the color by 10%, you get **66A420**, and if you desaturate by 10%, it is **76A440**.

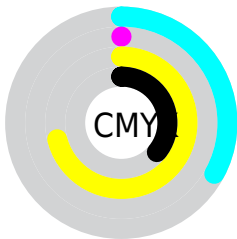
Distribution



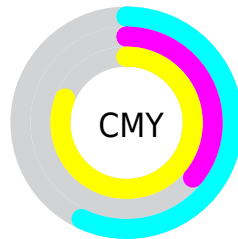
- Red (43%)
- Green (64%)
- Blue (19%)



- Red (19%)
- Yellow (64%)
- Blue (40%)



- Cyan (33%)
- Magenta (0%)
- Yellow (71%)
- Black (36%)



- Cyan (57%)
- Magenta (36%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EA430 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 6EA430 by changing the saturation by 10% instead.



6EA430



6EA430

FFFFFF



538911



A5DB65



387000



C2F880



1C5700



DEFF9B



003F00



FCFFB7



002900



FFFFD3



000C00



FFFFF0



000000



6EA430



6EA430



66A420



76A440

 5FA40F

 7DA451

 58A400

 85A461

 8DA472

 94A482

 9CA492

 A3A4A3

 ABA4B3

 B3A4C4

Harmonies

Analogous

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



A9960F



6EA430



00AC63

Triad

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



6EA430



00A7FB



F95E8E

Complementary

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



6EA430



6630A4

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.



E069C6



6EA430



0099FF

Square

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



6EA430



00AED4



A382F2



F46A58

Rectangle

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



6EA430



00AF8A



A382F2



F55FA1

Sweetspot

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



6EA430



C1D6A9



A46430



5F6B50



EBEBEB



6B6B6B

Same Dimension

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



6EA430



81D620



36A430



4E5249



4E9100



0A1200

Inverse Universe

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



6630A4



7520D6



9E30A4



4D4952



440091



080012

Previews

White Background



This preview shows how the Hex color 6EA430 looks on a white background.

Color Contrast Check

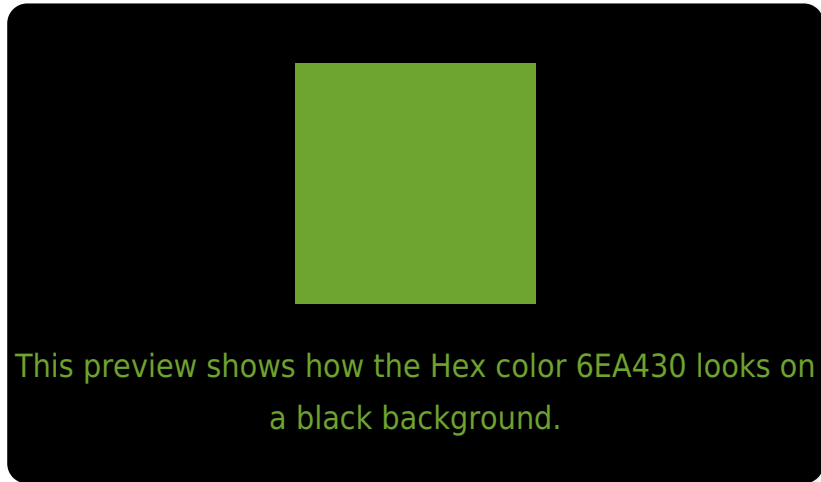
Large Text (above 18pt) WCAG AA × Fail

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 6EA430 Background



This preview shows how black text looks on a background with the Hex color 6EA430.

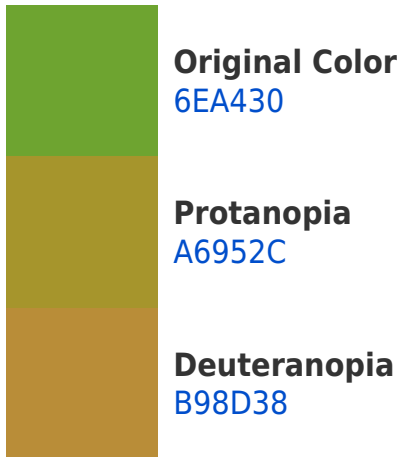


This preview shows how white text looks on a background with the Hex color 6EA430.

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](#).

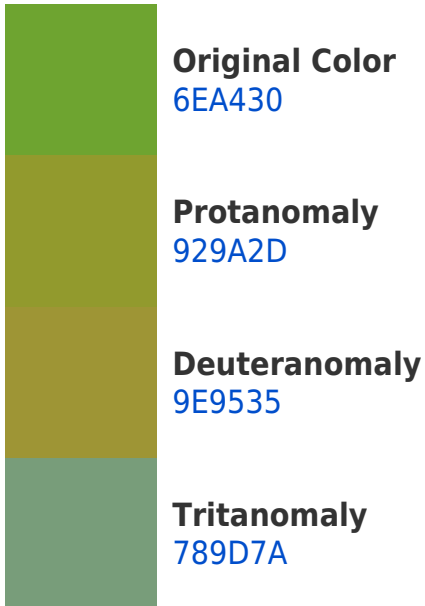
Dichromacy





Tritanopia
7E99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EA430 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 #6EA430 looks like.

```
.text, #text, p{  
    color:#6EA430  
}
```

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 #6EA430 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA430
}
```

Border

The CSS property to change the border of an element to Hex 6EA430 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
#6EA430 }
```

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

```
.border{ border-color:#6EA430 }
```

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

Here you see how a box with a 4 pixel #6EA430 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA430; -webkit-box-shadow:4px 4px  
4px 4px #6EA430; box-shadow:4px 4px 4px  
4px #6EA430 }
```

Background

The CSS property to change the background color of an element to Hex 6EA430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA430 }
```

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

```
.background{ background-color:#6EA430 }
```

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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