

# Converting Colors

Hex(606930)

Have a look what the booklet for  
Hex(606930) contains.

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**Color**

**Hex(606930)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 606930                     |
| RGB         | 96, 105, 48                |
| RGB Percent | 38%, 41%, 19%              |
| CMY         | 0.6235, 0.5882, 0.8118     |
| CMYK        | 0.09, 0.00, 0.54, 0.59     |
| HSL         | 69°, 37%, 30%              |
| HSV         | 69°, 54%, 41%              |
| XYZ         | 10.4089, 12.8033, 4.7190   |
| YIQ         | 95.8110, 12.9330, -19.6350 |

# Conversions

## Conversions Part 2

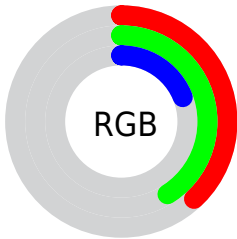
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 48, 105, 57                   |
| Decimal                             | 6318384                       |
| CIELab                              | 42.47, -12.79, 30.55          |
| CIELCh                              | 42, 33.119, 112.715           |
| Yxy                                 | 12.8033, 0.3727,<br>0.4584    |
| Android<br>(android.graphics.Color) | 4284508464<br>(0xFF606930)    |
| YUV                                 | 95.8110, -23.5708,<br>0.1658  |
| Hunter-Lab                          | 35.7818, -10.6923,<br>17.2279 |

# Details

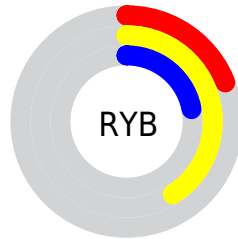
The Hex color **606930** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **393069**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **949C60**, and **303A00** is the 20% darker color. If you saturate the color by 10%, you get **5E6926**, and if you desaturate by 10%, it is **62693B**.

# Distribution



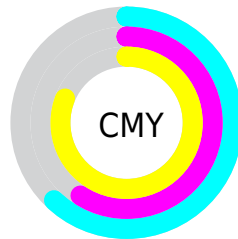
- Red (38%)
- Green (41%)
- Blue (19%)



- Red (19%)
- Yellow (41%)
- Blue (22%)



- Cyan (9%)
- Magenta (0%)
- Yellow (54%)
- Black (59%)



- Cyan (62%)
- Magenta (59%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 606930 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 606930 by changing the saturation by 10% instead.



 606930

 606930

FFFFFF

 475119

 949C60

 303A00

 AFB779

 192400

 CBD393

 001000

 E7EFAE

 000000

 FFFFC A

 FFFF E6

 606930

 606930

 5E6926

 62693B

■ 5D691B

■ 636945

■ 5B6911

■ 65694F

■ 596906

■ 67695A

■ 586900

■ 686965

■ 6A696F

■ 6C6979

■ 6D6984

■ 6F698F

# Harmonies

## Analogous

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



7A602D



606930



406F42

# Triad

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



606930



006F8F



944E6C

# Complementary

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



606930



393069

# 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.



805586



606930



22699A

# Square

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



606930



007278



5C6097



984F51

# Rectangle

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



606930



227153



5C6097



8F5075



# Sweetspot

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



606930



868A74



693930



434538



C4C4C4



454545



# Same Dimension

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



606930



7C8A30



446930



353630



637500



CEF500



# Inverse Universe

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



393069



3E308A



553069



313036



130075



2700F5



# Previews

## White Background



This preview shows how the Hex color 606930 looks on a white background.

## Color Contrast Check

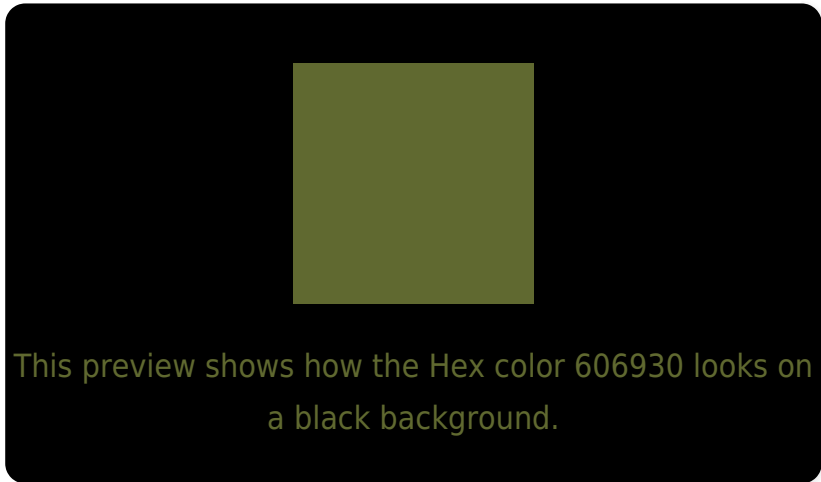
Large Text (above 18pt) WCAG AA ✓ Pass

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

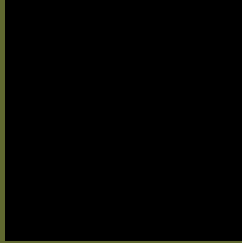
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

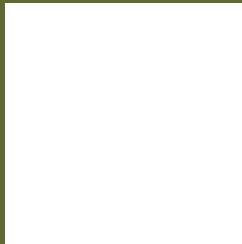
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 606930 Background



This preview shows how black text looks on a background with the Hex color 606930.



This preview shows how white text looks on a background with the Hex color 606930.

# 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**  
606930

**Protanopia**  
6F642F

**Deuteranopia**  
7B5F33



**Tritanopia**  
67636B

# Trichromacy



**Original Color**  
606930

**Protanomaly**  
6A662F

**Deuteranomaly**  
716332

**Tritanomaly**  
646556

# Monochromacy



**Original Color**  
606930

**Achromatopsia**  
606060

**Achromatomaly**  
60634F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 606930 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 #606930 looks like.

```
.text, #text, p{  
    color:#606930  
}
```

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 #606930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #606930
}
```

## Border

The CSS property to change the border of an element to Hex 606930 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
#606930 }
```

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

```
.border{ border-color:#606930 }
```

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

Here you see how a box with a 4 pixel #606930 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #606930; -webkit-box-shadow:4px 4px  
4px 4px #606930; box-shadow:4px 4px 4px  
4px #606930 }
```

# Background

The CSS property to change the background color of an element to Hex 606930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#606930 }
```

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

```
.background{ background-color:#606930 }
```

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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