

Converting Colors

Hex(63A030)

Have a look what the booklet for
Hex(63A030) contains.

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Color

Hex(63A030)

Conversions

Conversions Part 1

Format	Color
Hex	63A030
RGB	99, 160, 48
RGB Percent	39%, 63%, 19%
CMY	0.6118, 0.3725, 0.8118
CMYK	0.38, 0.00, 0.70, 0.37
HSL	93°, 54%, 41%
HSV	93°, 70%, 63%
XYZ	18.2499, 28.0077, 7.2405
YIQ	128.9930, -0.4040, -47.7640

Conversions

Conversions Part 2

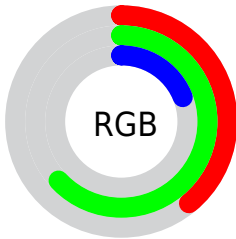
Format	Color
RYB	48, 160, 109
Decimal	6529072
CIELab	59.90, -38.68, 49.83
CIElCh	60, 63.080, 127.823
Yxy	28.0077, 0.3411, 0.5235
Android (android.graphics.Color)	4284719152 (0xFF63A030)
YUV	128.9930, -39.9295, -26.3039
Hunter-Lab	52.9223, -31.0594, 28.9339

Details

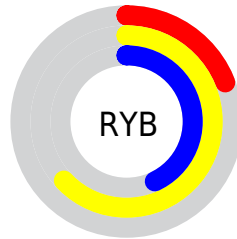
The Hex color **63A030** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6D30A0**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **9AD764**, and **2C6C00** is the 20% darker color. If you saturate the color by 10%, you get **5AA020**, and if you desaturate by 10%, it is **6CA040**.

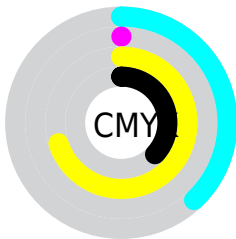
Distribution



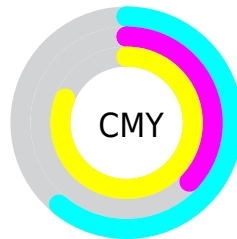
- Red (39%)
- Green (63%)
- Blue (19%)



- Red (19%)
- Yellow (63%)
- Blue (43%)



- Cyan (38%)
- Magenta (0%)
- Yellow (70%)
- Black (37%)



- Cyan (61%)
- Magenta (37%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63A030 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 63A030 by changing the saturation by 10% instead.



63A030



63A030

FFFFFF



488612



9AD764



2C6C00



B6F47F



0C5300



D3FF9A



003B00



F0FFB6



002700



FFFFD2



000000



FFFFEF



63A030



63A030



5AA020



6CA040

 52A010

 74A050

 49A000

 7DA060

 86A070

 8FA080

 97A090

 A0A0A0

 A9A0B0

 B1A0C0

Harmonies

Analogous

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



9E9208



63A030



00A864

Triad

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



63A030



00A1F7



F45984

Complementary

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



63A030



6D30A0

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.



DE63BB



63A030



1C92FF

Square

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



63A030



00A9D3



A57BE9



EC674F

Rectangle

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



63A030



00AA8A



A57BE9



F05A97

Sweetspot

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



63A030



B9D1A5



A06C30



5A694E



E8E8E8



696969

Same Dimension

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



63A030



71D121



30A034



4B4F47



418F00



070F00

Inverse Universe

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



6D30A0



8121D1



A0309C



4B474F



4E008F



08000F

Previews

White Background



This preview shows how the Hex color 63A030 looks on a white background.

Color Contrast Check

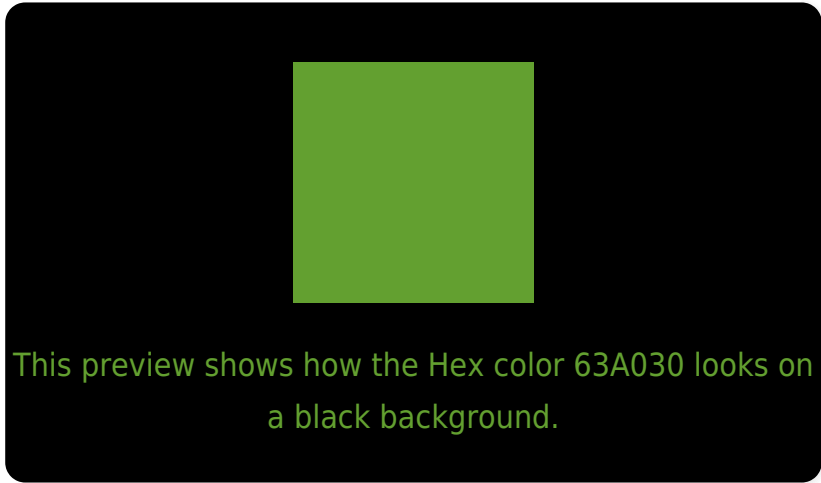
Large Text (above 18pt) WCAG AA ✓ Pass

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 63A030 Background



This preview shows how black text looks on a background with the Hex color 63A030.



This preview shows how white text looks on a background with the Hex color 63A030.

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
63A030

Protanopia
A1902C

Deuteranopia
B38938



Tritanopia
7395A1

Trichromacy



Original Color
63A030



Protanomaly
8A962D



Deuteranomaly
969135



Tritanomaly
6D9978

Monochromacy



Original Color
63A030



Achromatopsia
818181



Achromatomaly
768C64

CSS Examples

Text

The CSS property to change the color of the text to Hex 63A030 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 #63A030 looks like.

```
.text, #text, p{  
    color:#63A030  
}
```

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 #63A030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A030
}
```

Border

The CSS property to change the border of an element to Hex 63A030 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
#63A030 }
```

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

```
.border{ border-color:#63A030 }
```

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

Here you see how a box with a 4 pixel #63A030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A030; -webkit-box-shadow:4px 4px  
4px 4px #63A030; box-shadow:4px 4px 4px  
4px #63A030 }
```

Background

The CSS property to change the background color of an element to Hex 63A030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A030 }
```

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

```
.background{ background-color:#63A030 }
```

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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