

Converting Colors

Hex(63A026)

Have a look what the booklet for
Hex(63A026) contains.

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Color

Hex(63A026)

Conversions

Conversions Part 1

Format	Color
Hex	63A026
RGB	99, 160, 38
RGB Percent	39%, 63%, 15%
CMY	0.6118, 0.3725, 0.8510
CMYK	0.38, 0.00, 0.76, 0.37
HSL	90°, 62%, 39%
HSV	90°, 76%, 63%
XYZ	18.0662, 27.9342, 6.2734
YIQ	127.8530, 2.8060, -50.8740

Conversions

Conversions Part 2

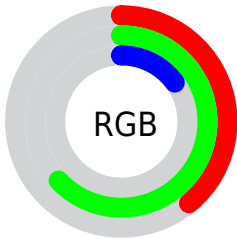
Format	Color
R_{YB}	38, 160, 99
Decimal	6529062
CIE _{Lab}	59.83, -39.37, 53.49
CIE _{LCh}	60, 66.418, 126.350
Yxy	27.9342, 0.3456, 0.5344
Android (android.graphics.Color)	4284719142 (0xFF63A026)
YUV	127.8530, -44.2975, -25.3041
Hunter-Lab	52.8528, -31.4772, 29.9595

Details

The Hex color **63A026** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6326A0**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **9AD75C**, and **2B6C00** is the 20% darker color. If you saturate the color by 10%, you get **5BA016**, and if you desaturate by 10%, it is **6BA036**.

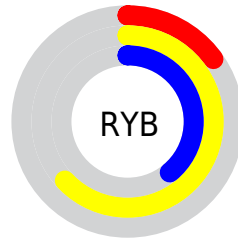
Distribution



Red (39%)

Green (63%)

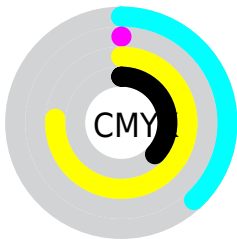
Blue (15%)



Red (15%)

Yellow (63%)

Blue (39%)

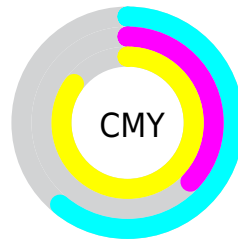


Cyan (38%)

Magenta (0%)

Yellow (76%)

Black (37%)



Cyan (61%)

Magenta (37%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63A026 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 63A026 by changing the saturation by 10% instead.



63A026



63A026

FFFFFF



488600



9AD75C



2B6C00



B7F477



095300



D3FF92



003B00



F1FFAE



002700



FFFPCA



000000



FFFPE7



63A026



63A026



5BA016



6BA036

■ 53A006

■ 73A046

■ 50A000

■ 7BA056

■ 83A066

■ 8BA076

■ 93A086

■ 9BA096

■ A3A0A6

■ ABA0B6

Harmonies

Analogous

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



A19100



63A026



00A85F

Triad

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



63A026



00A3FB



F85486

Complementary

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



63A026



6326A0

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.



E060C0



63A026



0093FF

Square

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



63A026



00AAD4



A17BEF



F0624E

Rectangle

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



63A026



00AB87



A17BEF



F4559A

Sweetspot

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



63A026



B9D1A1



A06326



5A694B



E8E8E8



696969

Same Dimension

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



63A026



71D111



26A026



4B4F47



478F00



080F00

Inverse Universe

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



6326A0



7111D1



A026A0



4B474F



47008F



08000F

Previews

White Background



This preview shows how the Hex color 63A026 looks on a white background.

Color Contrast Check

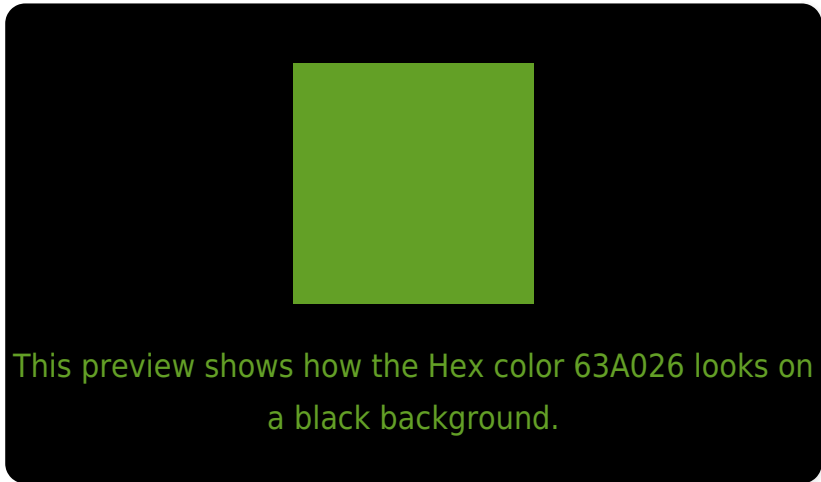
Large Text (above 18pt) WCAG AA ✓ Pass

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 63A026 Background



This preview shows how black text looks on a background with the Hex color 63A026.



This preview shows how white text looks on a background with the Hex color 63A026.

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
7495A1

Trichromacy



Original Color
63A026

Protanomaly
8A9623

Deuteranomaly
96912C

Tritanomaly
6E9974

Monochromacy



Original Color
63A026

Achromatopsia
808080

Achromatomaly
758C5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 63A026 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 #63A026 looks like.

```
.text, #text, p{  
    color:#63A026  
}
```

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 #63A026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A026
}
```

Border

The CSS property to change the border of an element to Hex 63A026 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
#63A026 }
```

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

```
.border{ border-color:#63A026 }
```

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

Here you see how a box with a 4 pixel #63A026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A026; -webkit-box-shadow:4px 4px  
4px 4px #63A026; box-shadow:4px 4px 4px  
4px #63A026 }
```

Background

The CSS property to change the background color of an element to Hex 63A026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A026 }
```

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

```
.background{ background-color:#63A026 }
```

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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