

Converting Colors

Hex(63AF26)

Have a look what the booklet for
Hex(63AF26) contains.

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Color

Hex(63AF26)

Conversions

Conversions Part 1

Format	Color
Hex	63AF26
RGB	99, 175, 38
RGB Percent	39%, 69%, 15%
CMY	0.6118, 0.3137, 0.8510
CMYK	0.43, 0.00, 0.78, 0.31
HSL	93°, 64%, 42%
HSV	93°, 78%, 69%
XYZ	20.8254, 33.4525, 7.1931
YIQ	136.6580, -1.3190, -58.7190

Conversions

Conversions Part 2

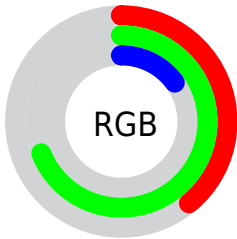
Format	Color
RYB	38, 175, 114
Decimal	6532902
CIELab	64.53, -45.66, 57.99
CIELCh	65, 73.807, 128.219
Yxy	33.4525, 0.3388, 0.5442
Android (android.graphics.Color)	4284722982 (0xFF63AF26)
YUV	136.6580, -48.6384, -33.0261
Hunter-Lab	57.8382, -36.9455, 33.1131

Details

The Hex color **63AF26** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7226AF**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9CE75E**, and **277A00** is the 20% darker color. If you saturate the color by 10%, you get **59AF15**, and if you desaturate by 10%, it is **6DAF38**.

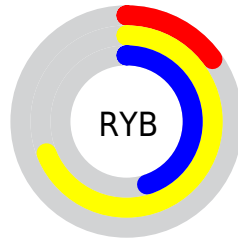
Distribution



Red (39%)

Green (69%)

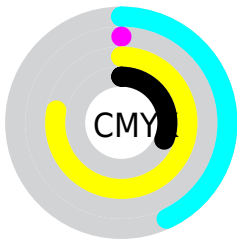
Blue (15%)



Red (15%)

Yellow (69%)

Blue (45%)

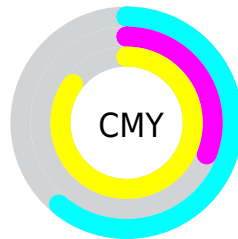


Cyan (43%)

Magenta (0%)

Yellow (78%)

Black (31%)



Cyan (61%)

Magenta (31%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63AF26 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 63AF26 by changing the saturation by 10% instead.

 63AF26

 63AF26

FFFFFF

 469400

 9CE75E

 277A00

 B8FF79

 006000

 D6FF95

 004800

 F3FFB1

 003100

 FFFFCD

 001800

 FFFFEA

 000000

 63AF26

 63AF26

 59AF15

 6DAF38

■ 50AF03

■ 76AF49

■ 4EAF00

■ 80AF5B

■ 8AAF6C

■ 94AF7E

■ 9DAF8F

■ A7AFA1

■ B1AFB2

■ BAAFC4

Harmonies

Analogous

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



AB9F00



63AF26



00B769

Triad

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



63AF26



00B1FF



FF568D

Complementary

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



63AF26



7226AF

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.



F963CF



63AF26



009EFF

Square

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



63AF26



00B9ED



B582FF



FF694E

Rectangle

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



63AF26



00BA96



B582FF



FF56A3

Sweetspot

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



63AF26



C6E3AF



AF7126



617353



F2F2F2



737373

Same Dimension

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



63AF26



6DE30E



26AF2D



52574E



439600



0A1700

Inverse Universe

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



7226AF



840EE3



AF26A8



534E57



530096



0D0017

Previews

White Background



This preview shows how the Hex color 63AF26 looks on a white background.

Color Contrast Check

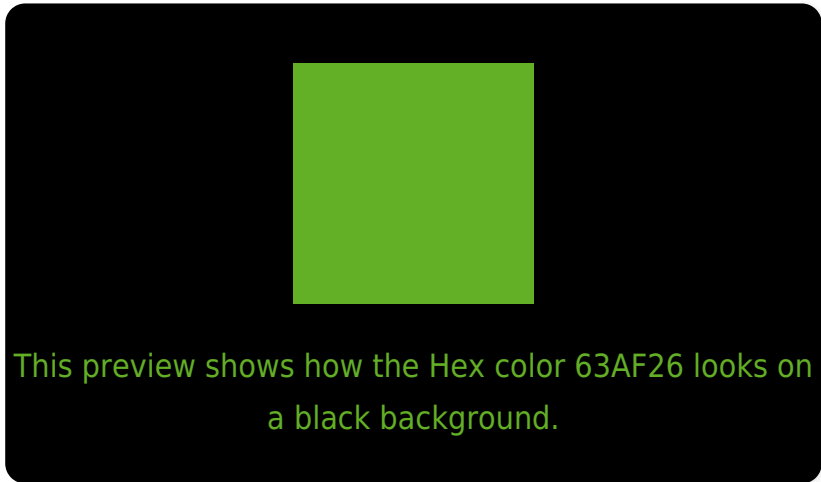
Large Text (above 18pt) WCAG AA × Fail

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 63AF26 Background



This preview shows how black text looks on a background with the Hex color 63AF26.

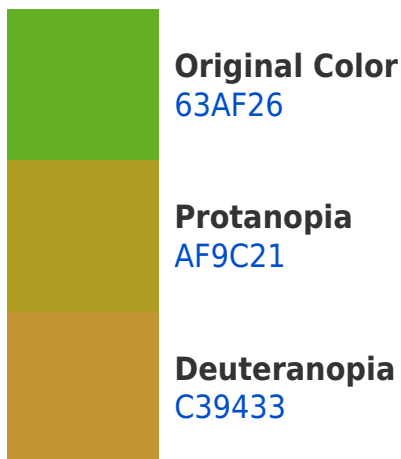


This preview shows how white text looks on a background with the Hex color 63AF26.

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](#).

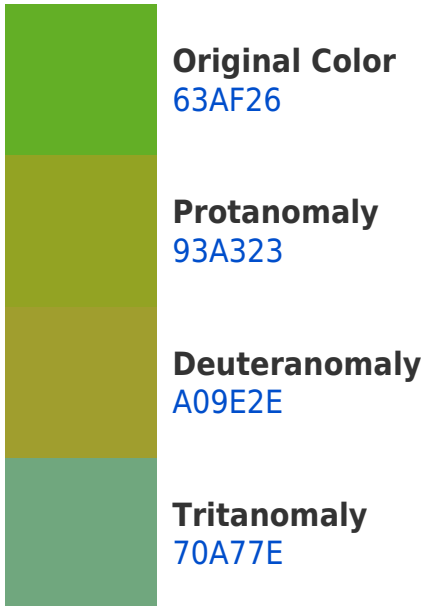
Dichromacy



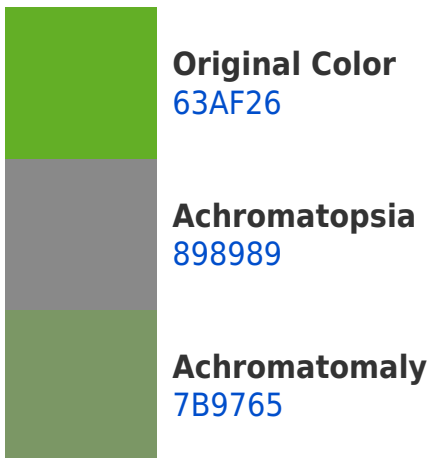


Tritanopia
77A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63AF26 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 #63AF26 looks like.

```
.text, #text, p{  
    color:#63AF26  
}
```

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 #63AF26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63AF26
}
```

Border

The CSS property to change the border of an element to Hex 63AF26 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
#63AF26 }
```

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

```
.border{ border-color:#63AF26 }
```

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

Here you see how a box with a 4 pixel #63AF26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63AF26; -webkit-box-shadow:4px 4px  
4px 4px #63AF26; box-shadow:4px 4px 4px  
4px #63AF26 }
```

Background

The CSS property to change the background color of an element to Hex 63AF26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63AF26 }
```

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

```
.background{ background-color:#63AF26 }
```

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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