

Converting Colors

Hex(64A056)

Have a look what the booklet for
Hex(64A056) contains.

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Color

Hex(64A056)

Conversions

Conversions Part 1

Format	Color
Hex	64A056
RGB	100, 160, 86
RGB Percent	39%, 63%, 34%
CMY	0.6078, 0.3725, 0.6627
CMYK	0.38, 0.00, 0.46, 0.37
HSL	109°, 30%, 48%
HSV	109°, 46%, 63%
XYZ	19.5060, 28.5228, 13.2815
YIQ	133.6240, -12.0060, -35.7340

Conversions

Conversions Part 2

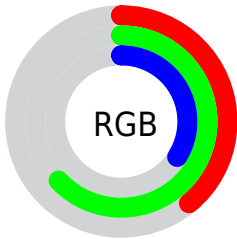
Format	Color
RYB	86, 160, 146
Decimal	6594646
CIELab	60.36, -34.20, 32.46
CIELCh	60, 47.157, 136.495
Yxy	28.5228, 0.3182, 0.4652
Android (android.graphics.Color)	4284784726 (0xFF64A056)
YUV	133.6240, -23.4786, -29.4882
Hunter-Lab	53.4068, -28.2673, 22.6402

Details

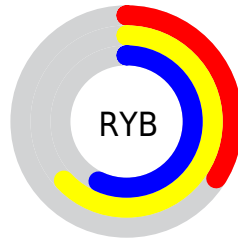
The Hex color **64A056** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9256A0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9AD789**, and **306C26** is the 20% darker color. If you saturate the color by 10%, you get **57A046**, and if you desaturate by 10%, it is **71A066**.

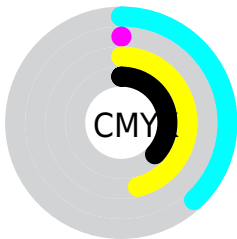
Distribution



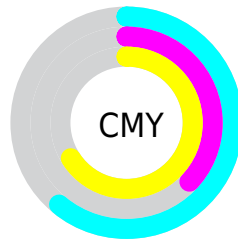
- Red (39%)
- Green (63%)
- Blue (34%)



- Red (34%)
- Yellow (63%)
- Blue (57%)



- Cyan (38%)
- Magenta (0%)
- Yellow (46%)
- Black (37%)



- Cyan (61%)
- Magenta (37%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64A056 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 64A056 by changing the saturation by 10% instead.

 64A056

 64A056

FFFFFF

 4A863E

 9AD789

 306C26

 B5F4A4

 13530E

 D1FFBF

 003B00

 EEFFDB

 002600

 FFFFF8

 000200

 000000

 64A056

 64A056

 57A046

 71A066

 4AA036

 7EA076

 3DA026

 8BA086

 30A016

 98A096

 23A006

 A5A0A6

 1EA000

 B2A0B6

 BFA0C6

 CCA0D6

 D9A0E6

Harmonies

Analogous

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



93963E



64A056



08A57D

Triad

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



64A056



009BE2



E06F7C

Complementary

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



64A056



9256A0

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.



D570A6



64A056



748EE1

Square

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



64A056



00A3CD



B27DCB



D57957

Rectangle

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



64A056



00A69A



B27DCB



DF6E8A

Sweetspot

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



64A056



B9D1B4



A09156



5A6957



E8E8E8



696969

Same Dimension

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



64A056



72D15C



56A06C



494F47



1B8F00



030F00

Inverse Universe

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



9256A0



BB5CD1



A0568A



4E474F



74008F



0C000F

Previews

White Background



This preview shows how the Hex color 64A056 looks on a white background.

Color Contrast Check

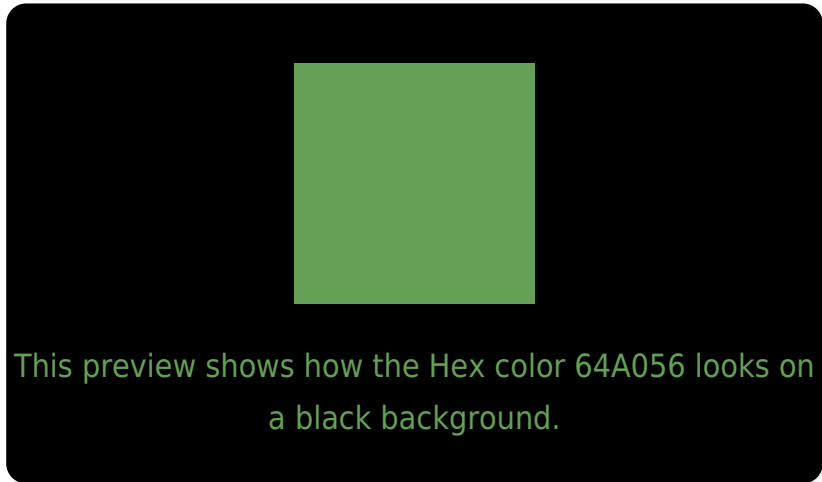
Large Text (above 18pt) WCAG AA ✓ Pass

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 64A056 Background



This preview shows how black text looks on a background with the Hex color 64A056.



This preview shows how white text looks on a background with the Hex color 64A056.

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
7297A3

Trichromacy



Original Color
64A056

Protanomaly
8A9653

Deuteranomaly
949259

Tritanomaly
6D9A87

Monochromacy



Original Color
64A056

Achromatopsia
868686

Achromatomaly
7A8F75

CSS Examples

Text

The CSS property to change the color of the text to Hex 64A056 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 #64A056 looks like.

```
.text, #text, p{  
    color:#64A056  
}
```

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 #64A056 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A056
}
```

Border

The CSS property to change the border of an element to Hex 64A056 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
#64A056 }
```

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

```
.border{ border-color:#64A056 }
```

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

Here you see how a box with a 4 pixel #64A056 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A056; -webkit-box-shadow:4px 4px  
4px 4px #64A056; box-shadow:4px 4px 4px  
4px #64A056 }
```

Background

The CSS property to change the background color of an element to Hex 64A056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A056 }
```

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

```
.background{ background-color:#64A056 }
```

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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