

Converting Colors

Hex(64E26E)

Have a look what the booklet for
Hex(64E26E) contains.

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Color

Hex(64E26E)

Conversions

Conversions Part 1

Format	Color
Hex	64E26E
RGB	100, 226, 110
RGB Percent	39%, 89%, 43%
CMY	0.6078, 0.1137, 0.5686
CMYK	0.56, 0.00, 0.51, 0.11
HSL	125°, 68%, 64%
HSV	125°, 56%, 89%
XYZ	35.2664, 58.2278, 24.1322
YIQ	175.1020, -37.8600, -62.7880

Conversions

Conversions Part 2

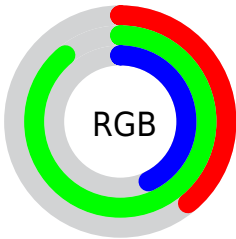
Format	Color
RYB	100, 217, 226
Decimal	6611566
CIELab	80.87, -58.23, 45.97
CIELCh	81, 74.195, 141.709
Yxy	58.2278, 0.2998, 0.4950
Android (android.graphics.Color)	4284801646 (0xFF64E26E)
YUV	175.1020, -32.0953, -65.8645
Hunter-Lab	76.3072, -51.0414, 34.6645

Details

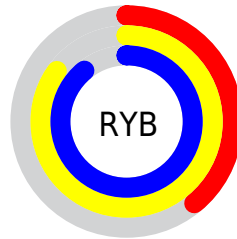
The Hex color **64E26E** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **E264D8**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A0FFA4**, and **1AAA3A** is the 20% darker color. If you saturate the color by 10%, you get **4DE259**, and if you desaturate by 10%, it is **7BE283**.

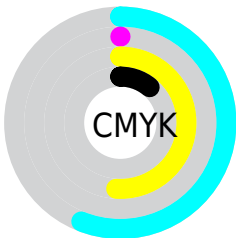
Distribution



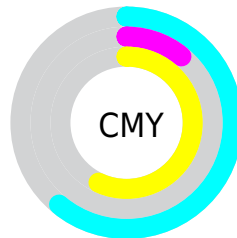
- Red (39%)
- Green (89%)
- Blue (43%)



- Red (39%)
- Yellow (85%)
- Blue (89%)



- Cyan (56%)
- Magenta (0%)
- Yellow (51%)
- Black (11%)



- Cyan (61%)
- Magenta (11%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64E26E 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 64E26E by changing the saturation by 10% instead.

 64E26E

FFFFFF

 A0FFA4

 BEFFC0

 DCFFDC

 FAFFF9

 64E26E

 44C554

 1AAA3A

 008E1F

 007400

 005A00

 004100

 002A00

 000600

 000000

■ 64E26E

■ 64E26E

■ 4DE259

■ 7BE283

■ 37E244

■ 91E298

■ 20E230

■ A8E2AC

■ 0AE21B

■ BEE2C1

■ 00E212

■ D5E2D6

■ ECE2EB

■ FFE2FF

Harmonies

Analogous

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



BCD43A



64E26E



00E9B2

Triad

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



64E26E



00D6FF



FF8B9A

Complementary

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



64E26E



E264D8

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.



FF8ADF



64E26E



A7BEFF

Square

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



64E26E



00E4FF



FFA0FF



FFA35D

Rectangle

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



64E26E



00EAE3



FFA0FF



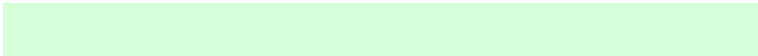
FF88B0

Sweetspot

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



64E26E



D4FFD7



DAE264



668068



000000



808080

Same Dimension

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



64E26E



54FF62



64E2AB



657066



00B00E



003004

Inverse Universe

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



E264D8



FF54F1



E2649B



70656F



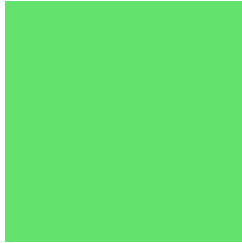
B000A2



30002D

Previews

White Background



This preview shows how the Hex color 64E26E 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

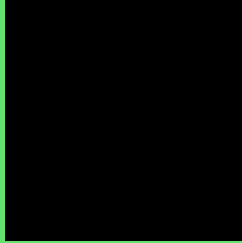
Any Text WCAG AA ✓ Pass

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 64E26E Background



This preview shows how black text looks on a background with the Hex color 64E26E.

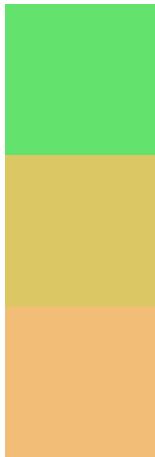


This preview shows how white text looks on a background with the Hex color 64E26E.

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](#).

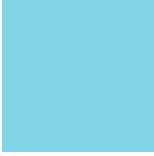
Dichromacy



Original Color
64E26E

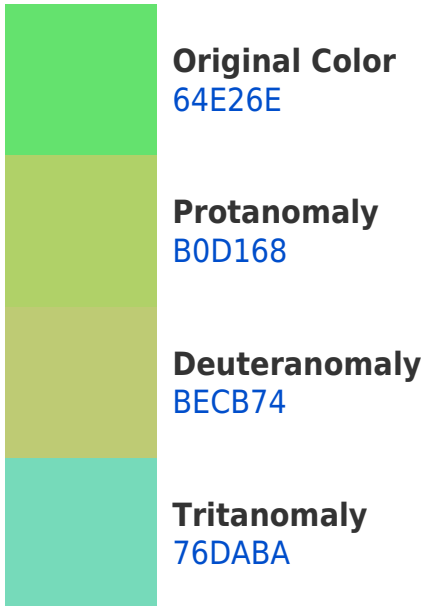
Protanopia
DCC765

Deuteranopia
F2BE77

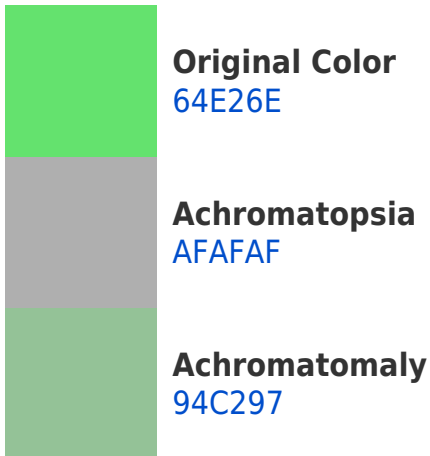


Tritanopia
81D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64E26E 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 #64E26E looks like.

```
.text, #text, p{  
    color:#64E26E  
}
```

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 #64E26E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64E26E
}
```

Border

The CSS property to change the border of an element to Hex 64E26E 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
#64E26E }
```

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

```
.border{ border-color:#64E26E }
```

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

Here you see how a box with a 4 pixel #64E26E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64E26E; -webkit-box-shadow:4px 4px  
4px 4px #64E26E; box-shadow:4px 4px 4px  
4px #64E26E }
```

Background

The CSS property to change the background color of an element to Hex 64E26E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64E26E }
```

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

```
.background{ background-color:#64E26E }
```

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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