

Converting Colors

Hex(64A25E)

Have a look what the booklet for
Hex(64A25E) contains.

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Color

Hex(64A25E)

Conversions

Conversions Part 1

Format	Color
Hex	64A25E
RGB	100, 162, 94
RGB Percent	39%, 64%, 37%
CMY	0.6078, 0.3647, 0.6314
CMYK	0.38, 0.00, 0.42, 0.36
HSL	115°, 27%, 50%
HSV	115°, 42%, 64%
XYZ	20.1962, 29.3581, 15.1919
YIQ	135.7100, -15.1240, -34.2920

Conversions

Conversions Part 2

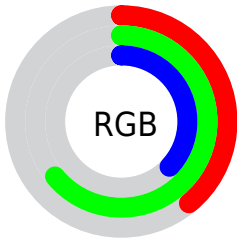
Format	Color
RYB	94, 162, 156
Decimal	6595166
CIELab	61.10, -33.95, 29.19
CIElCh	61, 44.773, 139.307
Yxy	29.3581, 0.3119, 0.4534
Android (android.graphics.Color)	4284785246 (0xFF64A25E)
YUV	135.7100, -20.5630, -31.3177
Hunter-Lab	54.1832, -28.2864, 21.3044

Details

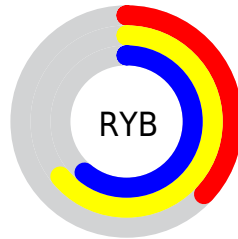
The Hex color **64A25E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9C5EA2**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **99D991**, and **306E2E** is the 20% darker color. If you saturate the color by 10%, you get **55A24E**, and if you desaturate by 10%, it is **73A26E**.

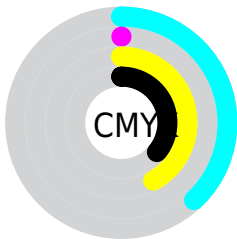
Distribution



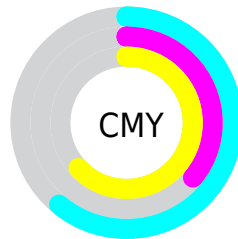
- Red (39%)
- Green (64%)
- Blue (37%)



- Red (37%)
- Yellow (64%)
- Blue (61%)



- Cyan (38%)
- Magenta (0%)
- Yellow (42%)
- Black (36%)



- Cyan (61%)
- Magenta (36%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64A25E 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 64A25E by changing the saturation by 10% instead.

 64A25E

 64A25E

FFFFFF

 4A8746

 99D991

 306E2E

 B5F6AC

 135517

 D1FFC8

 003D00

 EEFFE4

 002700

 000800

 000000

 64A25E

 64A25E

 55A24E

 73A26E

 46A23E

 82A27E

 38A22D

 90A28F

 29A21D

 9FA29F

 1AA20D

 AEA2AF

 0EA200

 BDA2BF

 CBA2CF

 DAA2E0

 E9A2F0

Harmonies

Analogous

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



929946



64A25E



16A783

Triad

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



64A25E



1B9CE1



DE737B

Complementary

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



64A25E



9C5EA2

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.



D674A3



64A25E



808FDE

Square

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



64A25E



00A4CE



B67FC7



D27E59

Rectangle

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



64A25E



00A89F



B67FC7



DE7289

Sweetspot

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



64A25E



BBD4B8



A29B5E



5B6B5A



EBEBEB



6B6B6B

Same Dimension

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



64A25E



73D46A



5EA279



4A5249



0D9100



021200

Inverse Universe

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



9C5EA2



CA6AD4



A25E87



514952



850091



100012

Previews

White Background



This preview shows how the Hex color 64A25E looks on a white background.

Color Contrast Check

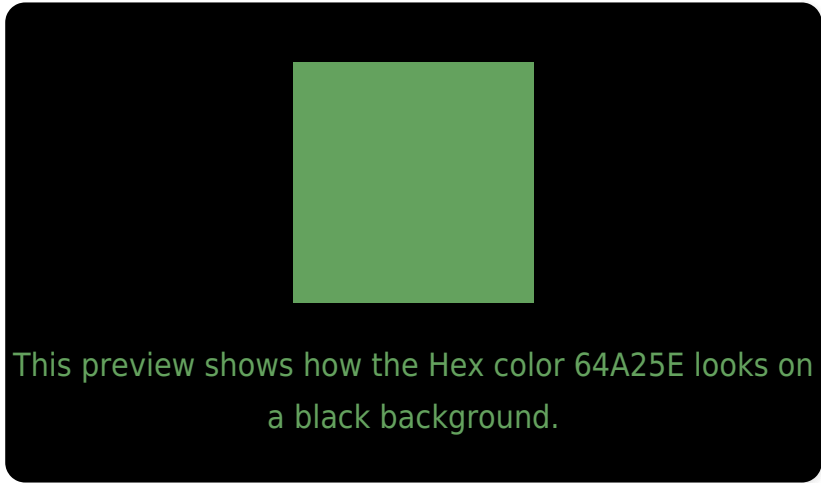
Large Text (above 18pt) WCAG AA ✓ Pass

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

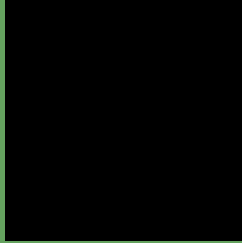
Any Text WCAG AA ✓ Pass

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 64A25E Background



This preview shows how black text looks on a background with the Hex color 64A25E.

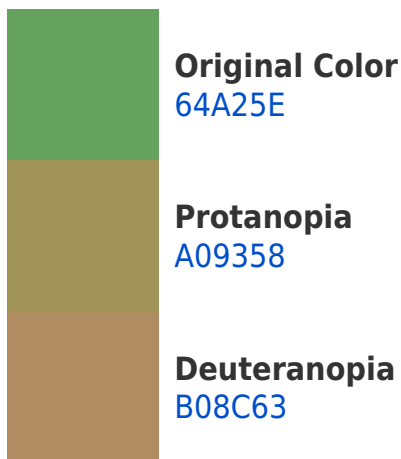


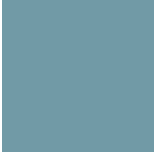
This preview shows how white text looks on a background with the Hex color 64A25E.

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](#).

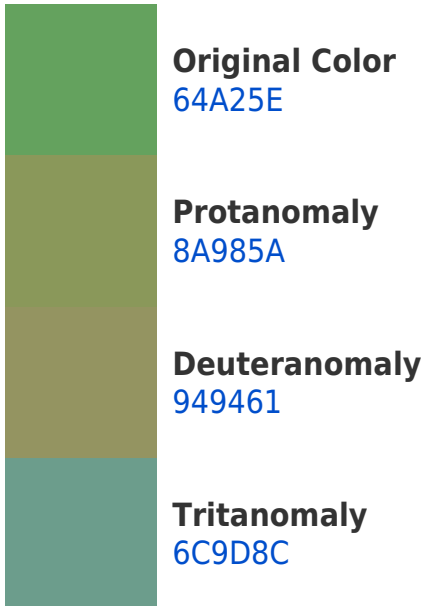
Dichromacy



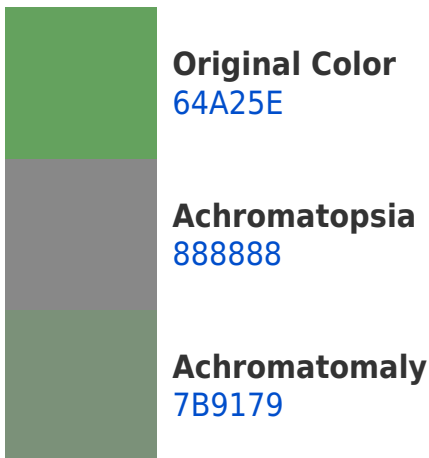


Tritanopia
719AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64A25E 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 #64A25E looks like.

```
.text, #text, p{  
    color:#64A25E  
}
```

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 #64A25E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A25E
}
```

Border

The CSS property to change the border of an element to Hex 64A25E 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
#64A25E }
```

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

```
.border{ border-color:#64A25E }
```

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

Here you see how a box with a 4 pixel #64A25E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A25E; -webkit-box-shadow:4px 4px  
4px 4px #64A25E; box-shadow:4px 4px 4px  
4px #64A25E }
```

Background

The CSS property to change the background color of an element to Hex 64A25E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A25E }
```

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

```
.background{ background-color:#64A25E }
```

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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