

Converting Colors

Hex(64A455)

Have a look what the booklet for
Hex(64A455) contains.

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Color

Hex(64A455)

Conversions

Conversions Part 1

Format	Color
Hex	64A455
RGB	100, 164, 85
RGB Percent	39%, 64%, 33%
CMY	0.6078, 0.3569, 0.6667
CMYK	0.39, 0.00, 0.48, 0.36
HSL	109°, 32%, 49%
HSV	109°, 48%, 64%
XYZ	20.1707, 29.9161, 13.3056
YIQ	135.8580, -12.7850, -38.1370

Conversions

Conversions Part 2

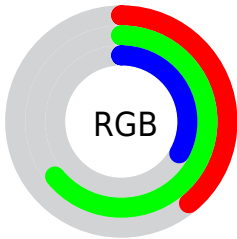
Format	Color
RYB	85, 164, 149
Decimal	6595669
CIELab	61.58, -36.17, 34.51
CIElCh	62, 49.991, 136.339
Yxy	29.9161, 0.3182, 0.4719
Android (android.graphics.Color)	4284785749 (0xFF64A455)
YUV	135.8580, -25.0730, -31.4475
Hunter-Lab	54.6956, -29.8900, 23.8637

Details

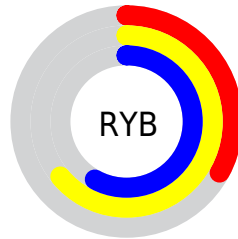
The Hex color **64A455** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9555A4**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **9ADB88**, and **2F7025** is the 20% darker color. If you saturate the color by 10%, you get **57A445**, and if you desaturate by 10%, it is **71A465**.

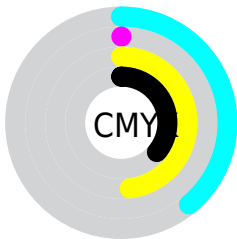
Distribution



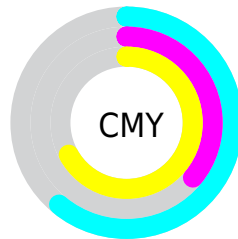
- Red (39%)
- Green (64%)
- Blue (33%)



- Red (33%)
- Yellow (64%)
- Blue (58%)



- Cyan (39%)
- Magenta (0%)
- Yellow (48%)
- Black (36%)



- Cyan (61%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64A455 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 64A455 by changing the saturation by 10% instead.



64A455



64A455

FFFFFF



4A893D



9ADB88



2F7025



B6F8A3



11570B



D2FFBE



003F00



EFFFDA



002900



FFFFFF7



000B00



000000



64A455



64A455



57A445



71A465

 49A434

 7FA476

 3CA424

 8CA486

 2FA413

 99A497

 22A403

 A6A4A7

 1FA400

 B4A4B7

 C1A4C8

 CEA4D8

 DCA4E9

Harmonies

Analogous

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



979A3B



64A455



00AA7E

Triad

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



64A455



009FEA



E76F7E

Complementary

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



64A455



9555A4

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.



DC71AB



64A455



7491EA

Square

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



64A455



00A8D4



B77FD2



DC7B56

Rectangle

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



64A455



00AB9D



B77FD2



E66E8D

Sweetspot

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



64A455



BED6B8



A49455



5C6B59



EBEBEB



6B6B6B

Same Dimension

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



64A455



72D65A



55A46D



4B5249



1C9100



031200

Inverse Universe

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



9555A4



BF5AD6



A4558C



504952



760091



0E0012

Previews

White Background



This preview shows how the Hex color 64A455 looks on a white background.

Color Contrast Check

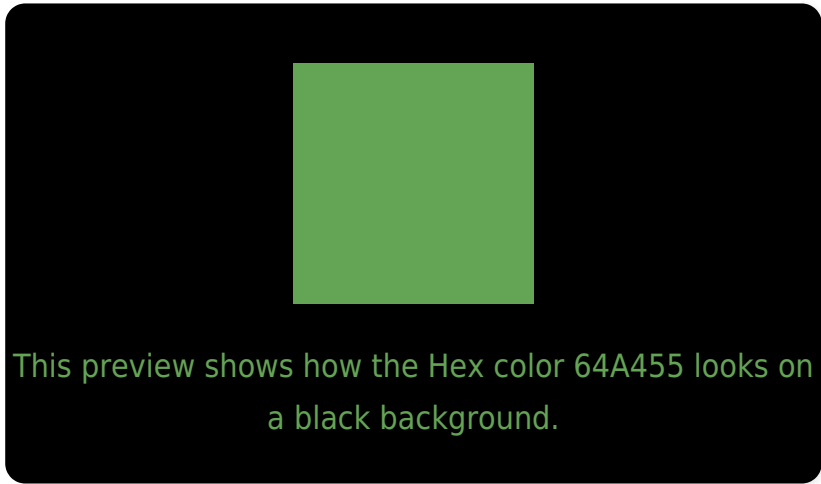
Large Text (above 18pt) WCAG AA ✓ Pass

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

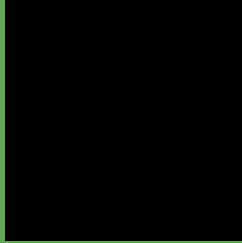
Any Text WCAG AA ✓ Pass

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 64A455 Background



This preview shows how black text looks on a background with the Hex color 64A455.

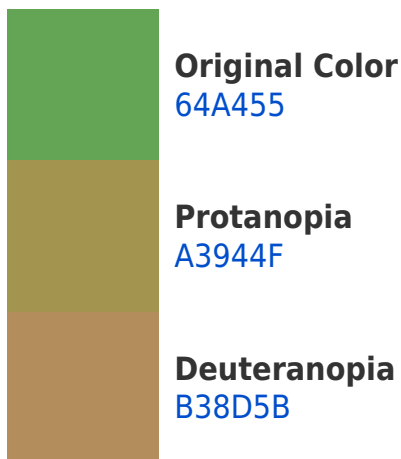


This preview shows how white text looks on a background with the Hex color 64A455.

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](#).

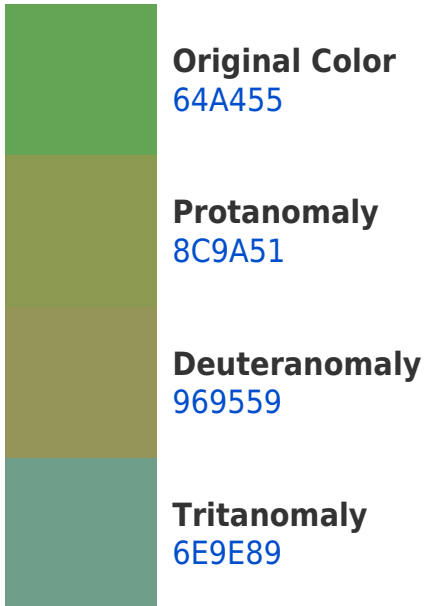
Dichromacy



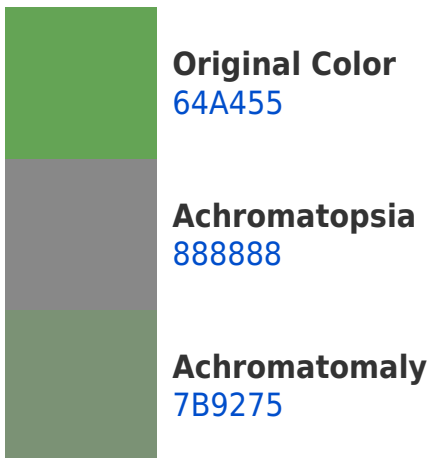


Tritanopia
739BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64A455 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 #64A455 looks like.

```
.text, #text, p{  
    color:#64A455  
}
```

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 #64A455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A455  
}
```

Border

The CSS property to change the border of an element to Hex 64A455 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  
#64A455 }
```

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

```
.border{ border-color:#64A455 }
```

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

Here you see how a box with a 4 pixel #64A455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A455; -webkit-box-shadow:4px 4px  
4px 4px #64A455; box-shadow:4px 4px 4px  
4px #64A455 }
```

Background

The CSS property to change the background color of an element to Hex 64A455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A455 }
```

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

```
.background{ background-color:#64A455 }
```

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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