

Converting Colors

Hex(65A248)

Have a look what the booklet for
Hex(65A248) contains.

Hex(65A248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(65A248)

Conversions

Conversions Part 1

Format	Color
Hex	65A248
RGB	101, 162, 72
RGB Percent	40%, 64%, 28%
CMY	0.6039, 0.3647, 0.7176
CMYK	0.38, 0.00, 0.56, 0.36
HSL	101°, 38%, 46%
HSV	101°, 56%, 64%
XYZ	19.4569, 29.0752, 10.7175
YIQ	133.5010, -7.4660, -40.9220

Conversions

Conversions Part 2

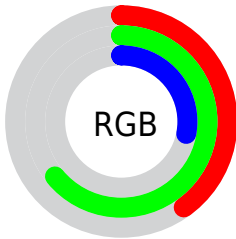
Format	Color
RYB	72, 162, 133
Decimal	6660680
CIELab	60.85, -36.56, 40.15
CIElCh	61, 54.306, 132.321
Yxy	29.0752, 0.3284, 0.4907
Android (android.graphics.Color)	4284850760 (0xFF65A248)
YUV	133.5010, -30.3200, -28.5034
Hunter-Lab	53.9215, -29.9532, 25.9605

Details

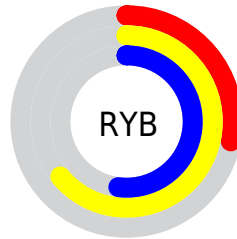
The Hex color **65A248** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8548A2**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9BD97B**, and **306E15** is the 20% darker color. If you saturate the color by 10%, you get **5AA238**, and if you desaturate by 10%, it is **70A258**.

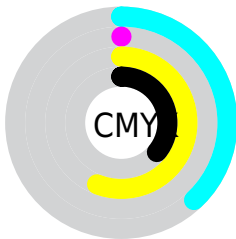
Distribution



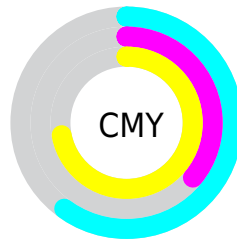
- Red (40%)
- Green (64%)
- Blue (28%)



- Red (28%)
- Yellow (64%)
- Blue (52%)



- Cyan (38%)
- Magenta (0%)
- Yellow (56%)
- Black (36%)



- Cyan (60%)
- Magenta (36%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65A248 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 65A248 by changing the saturation by 10% instead.

 65A248

 65A248


FFFFFF

 4A872F

 9BD97B

 306E15

 B7F696

 115500

 D4FFB1

 003D00

 F1FFCD

 002800

 FFFFE9

 000600

 000000

 65A248

 65A248

 5AA238

 70A258

 4FA228

 7BA268

 44A217

 86A279

 39A207

 91A289

 34A200

 9CA299

 A7A2A9

 B2A2B9

 BDA2CA

 C8A2DA

Harmonies

Analogous

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



9A972D



65A248



00A874

Triad

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



65A248



00A0EE



EB6881

Complementary

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



65A248



8548A2

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.



DC6CB1



65A248



5E91F1

Square

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



65A248



00A8D2



AF7EDA



E17354

Rectangle

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



65A248



00AA95



AF7EDA



E96791

Sweetspot

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



65A248



BBD4B0



A28448



5D6B56



EBEBEB



6B6B6B

Same Dimension

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



65A248



74D446



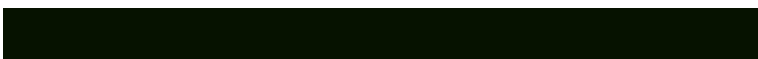
48A257



4C5249



2F9100



061200

Inverse Universe

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



8548A2



A646D4



A24893



4F4952



630091



0C0012

Previews

White Background



This preview shows how the Hex color 65A248 looks on a white background.

Color Contrast Check

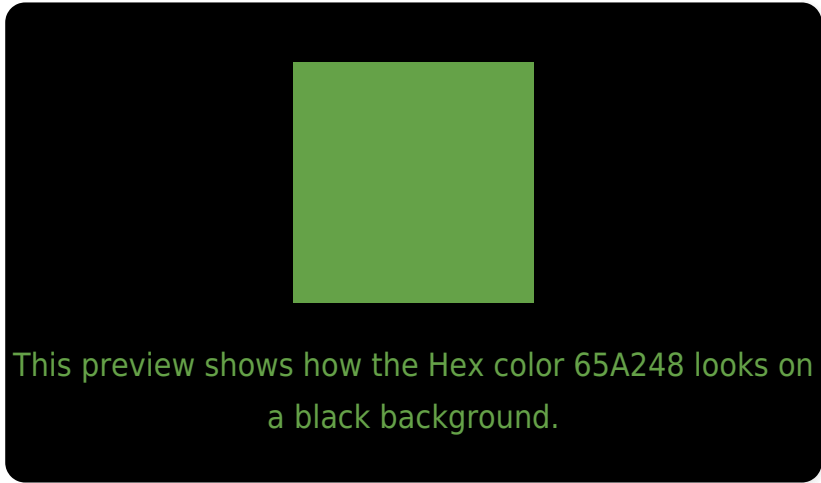
Large Text (above 18pt) WCAG AA ✓ Pass

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 65A248 Background



This preview shows how black text looks on a background with the Hex color 65A248.



This preview shows how white text looks on a background with the Hex color 65A248.

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](#).

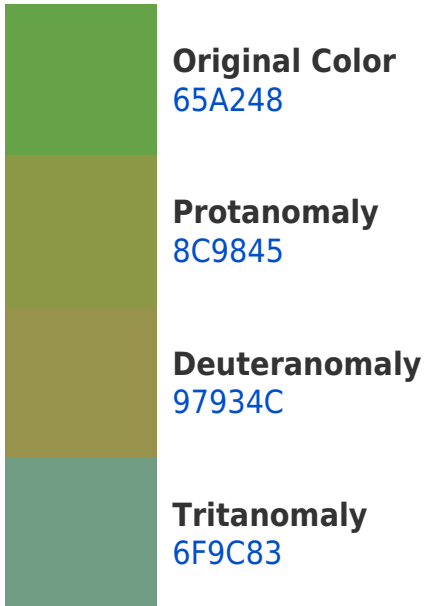
Dichromacy



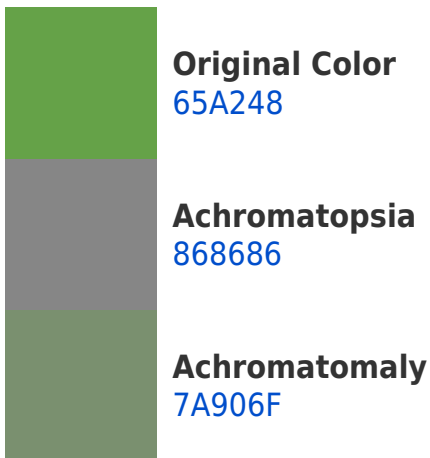


Tritanopia
7498A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65A248 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 #65A248 looks like.

```
.text, #text, p{  
    color:#65A248  
}
```

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 #65A248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65A248
}
```

Border

The CSS property to change the border of an element to Hex 65A248 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
#65A248 }
```

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

```
.border{ border-color:#65A248 }
```

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

Here you see how a box with a 4 pixel #65A248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65A248; -webkit-box-shadow:4px 4px  
4px 4px #65A248; box-shadow:4px 4px 4px  
4px #65A248 }
```

Background

The CSS property to change the background color of an element to Hex 65A248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65A248 }
```

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

```
.background{ background-color:#65A248 }
```

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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