

Converting Colors

Hex(65AB52)

Have a look what the booklet for
Hex(65AB52) contains.

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Color

Hex(65AB52)

Conversions

Conversions Part 1

Format	Color
Hex	65AB52
RGB	101, 171, 82
RGB Percent	40%, 67%, 32%
CMY	0.6039, 0.3294, 0.6784
CMYK	0.41, 0.00, 0.52, 0.33
HSL	107°, 35%, 50%
HSV	107°, 52%, 67%
XYZ	21.4527, 32.5017, 13.1254
YIQ	139.9240, -13.1510, -42.5190

Conversions

Conversions Part 2

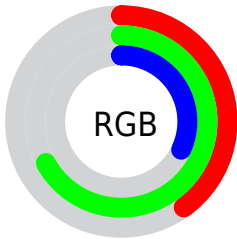
Format	Color
RYB	82, 171, 152
Decimal	6662994
CIELab	63.76, -39.35, 38.71
CIELCh	64, 55.196, 135.465
Yxy	32.5017, 0.3198, 0.4845
Android (android.graphics.Color)	4284853074 (0xFF65AB52)
YUV	139.9240, -28.5565, -34.1363
Hunter-Lab	57.0103, -32.5992, 26.2569

Details

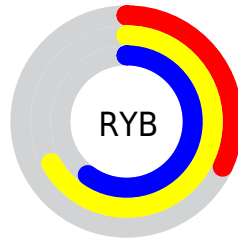
The Hex color **65AB52** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9852AB**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **9CE385**, and **2F7620** is the 20% darker color. If you saturate the color by 10%, you get **58AB41**, and if you desaturate by 10%, it is **72AB63**.

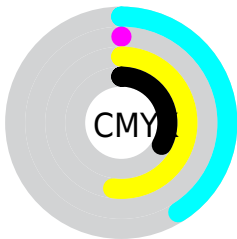
Distribution



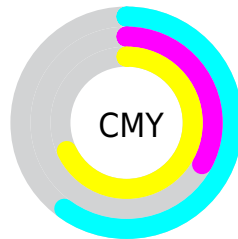
- Red (40%)
- Green (67%)
- Blue (32%)



- Red (32%)
- Yellow (67%)
- Blue (60%)



- Cyan (41%)
- Magenta (0%)
- Yellow (52%)
- Black (33%)



- Cyan (60%)
- Magenta (33%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65AB52 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 65AB52 by changing the saturation by 10% instead.



65AB52



65AB52

FFFFFF



4A9039



9CE385



2F7620



B8FFA0



0D5D04



D4FFBC



004400



F1FFD8



002E00



FFFFFF5



001600



000000



65AB52



65AB52



58AB41



72AB63

 4AAB30

 80AB74

 3DAB1F

 8DAB85

 2FAB0E

 9BAB96

 25AB00

 A8ABA7

 B6ABB9

 C3ABCA

 D1ABDB

 DEABEC

Harmonies

Analogous

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



9DA035



65AB52



00B180

Triad

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



65AB52



00A7F9



F56F83

Complementary

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



65AB52



9852AB

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.



E872B4



65AB52



7197F9

Square

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



65AB52



00B0DF



BE83E0



E97C56

Rectangle

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



65AB52



00B3A2



BE83E0



F46E93

Sweetspot

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



65AB52



C2DEBA



AB9852



5F705B



F0F0F0



707070

Same Dimension

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



65AB52



72DE54



52AB6B



50574E



209600



051700

Inverse Universe

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



9852AB



C054DE



AB5292



554E57



760096



120017

Previews

White Background



This preview shows how the Hex color 65AB52 looks on a white background.

Color Contrast Check

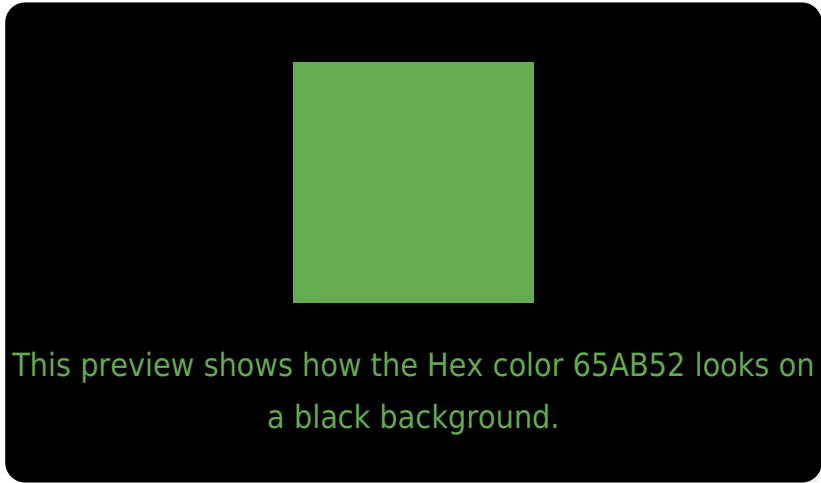
Large Text (above 18pt) WCAG AA × Fail

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 65AB52 Background



This preview shows how black text looks on a background with the Hex color 65AB52.

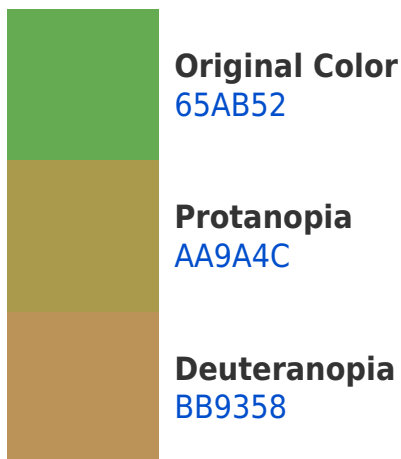


This preview shows how white text looks on a background with the Hex color 65AB52.

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](#).

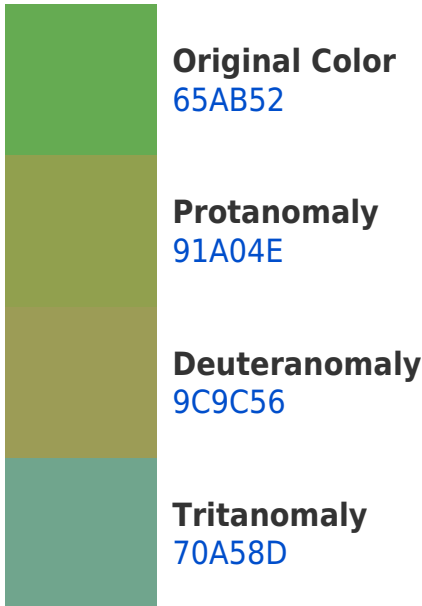
Dichromacy



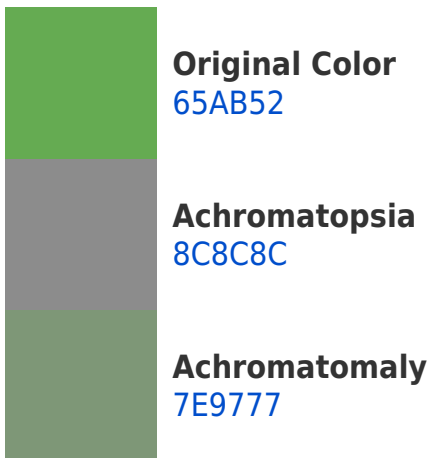


Tritanopia
76A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65AB52 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 #65AB52 looks like.

```
.text, #text, p{  
    color:#65AB52  
}
```

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 #65AB52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65AB52
}
```

Border

The CSS property to change the border of an element to Hex 65AB52 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".

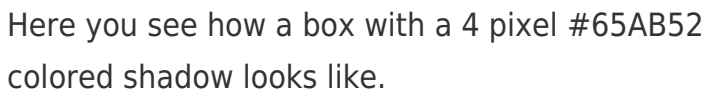
```
.border, #border, table{ border:4px solid
#65AB52 }
```

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

```
.border{ border-color:#65AB52 }
```

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

Here you see how a box with a 4 pixel #65AB52 colored shadow looks like.

A rectangular box with a green border and a green shadow. The box is white with a thin green border on the top and left sides, and a thicker green shadow on the bottom and right sides. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #65AB52 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65AB52; -webkit-box-shadow:4px 4px  
4px 4px #65AB52; box-shadow:4px 4px 4px  
4px #65AB52 }
```

Background

The CSS property to change the background color of an element to Hex 65AB52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65AB52 }
```

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

```
.background{ background-color:#65AB52 }
```

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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