

Converting Colors

Hex(65B640)

Have a look what the booklet for
Hex(65B640) contains.

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Color

Hex(65B640)

Conversions

Conversions Part 1

Format	Color
Hex	65B640
RGB	101, 182, 64
RGB Percent	40%, 71%, 25%
CMY	0.6039, 0.2863, 0.7490
CMYK	0.45, 0.00, 0.65, 0.29
HSL	101°, 48%, 48%
HSV	101°, 65%, 71%
XYZ	23.0202, 36.5928, 10.7003
YIQ	144.3290, -10.3980, -53.8700

Conversions

Conversions Part 2

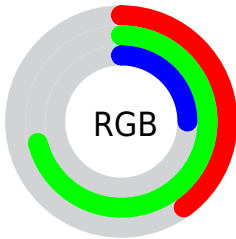
Format	Color
RYB	64, 182, 145
Decimal	6665792
CIELab	66.97, -45.96, 50.76
CIELCh	67, 68.475, 132.161
Yxy	36.5928, 0.3274, 0.5204
Android (android.graphics.Color)	4284855872 (0xFF65B640)
YUV	144.3290, -39.6022, -37.9995
Hunter-Lab	60.4920, -37.9328, 31.8567

Details

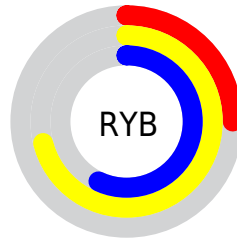
The Hex color **65B640** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **9140B6**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **9DEF75**, and **2A8000** is the 20% darker color. If you saturate the color by 10%, you get **59B62E**, and if you desaturate by 10%, it is **71B652**.

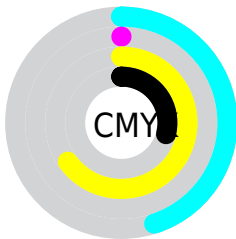
Distribution



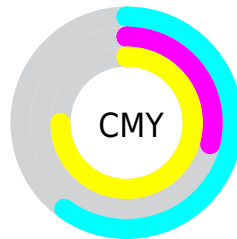
- Red (40%)
- Green (71%)
- Blue (25%)



- Red (25%)
- Yellow (71%)
- Blue (57%)



- Cyan (45%)
- Magenta (0%)
- Yellow (65%)
- Black (29%)



- Cyan (60%)
- Magenta (29%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65B640 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 65B640 by changing the saturation by 10% instead.

 65B640

 65B640

FFFFFF

 499B25

 9DEF75

 2A8000

 BAFF90

 006700

 D7FFAB

 004E00

 F5FFC7

 003600

 FFFFE4

 002000

 000000

 65B640

 65B640

 59B62E

 71B652

 4CB61C

 7EB664

 40B609

 8AB677

 39B600

 97B689

 A3B69B

 B0B6AD

 BCB6BF

 C9B6D2

 D5B6E4

Harmonies

Analogous

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



AAA812



65B640



00BE7B

Triad

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



65B640



00B4FF



FF678C

Complementary

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



65B640



9140B6

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.



FF6ECA



65B640



4FA2FF

Square

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



65B640



00BDF5



C687FF



FF7953

Rectangle

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



65B640



00C0A6



C687FF



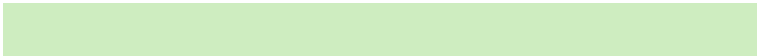
FF66A1

Sweetspot

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



65B640



CEEDC0



B69140



65785C



F7F7F7



787878

Same Dimension

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



65B640



6EED34



40B656



555C53



319C00



091C00

Inverse Universe

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



9140B6



B334ED



B640A0



59535C



6B009C



13001C

Previews

White Background



This preview shows how the Hex color 65B640 looks on a white background.

Color Contrast Check

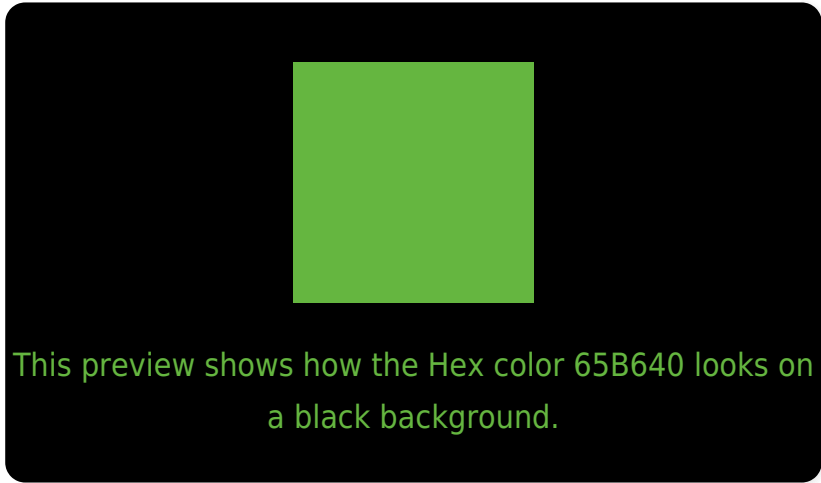
Large Text (above 18pt) WCAG AA × Fail

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 65B640 Background



This preview shows how black text looks on a background with the Hex color 65B640.



This preview shows how white text looks on a background with the Hex color 65B640.

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
65B640

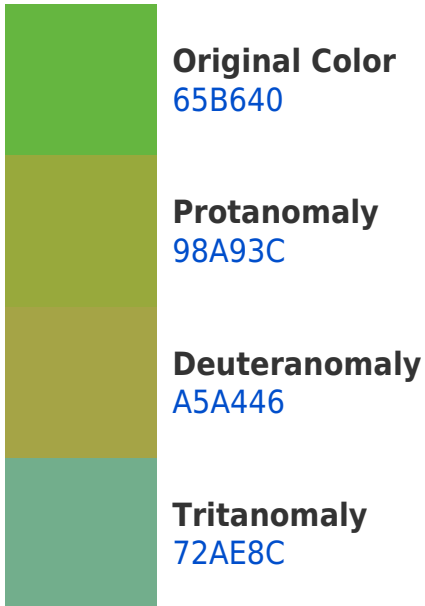
Protanopia
B5A23A

Deuteranopia
C99A49



Tritanopia
79AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65B640 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 #65B640 looks like.

```
.text, #text, p{  
    color:#65B640  
}
```

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 #65B640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B640
}
```

Border

The CSS property to change the border of an element to Hex 65B640 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
#65B640 }
```

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

```
.border{ border-color:#65B640 }
```

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

Here you see how a box with a 4 pixel #65B640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B640; -webkit-box-shadow:4px 4px  
4px 4px #65B640; box-shadow:4px 4px 4px  
4px #65B640 }
```

Background

The CSS property to change the background color of an element to Hex 65B640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B640 }
```

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

```
.background{ background-color:#65B640 }
```

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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