

Converting Colors

Hex(71B640)

Have a look what the booklet for
Hex(71B640) contains.

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Color

Hex(71B640)

Conversions

Conversions Part 1

Format	Color
Hex	71B640
RGB	113, 182, 64
RGB Percent	44%, 71%, 25%
CMY	0.5569, 0.2863, 0.7490
CMYK	0.38, 0.00, 0.65, 0.29
HSL	95°, 48%, 48%
HSV	95°, 65%, 71%
XYZ	24.4634, 37.3368, 10.7679
YIQ	147.9170, -3.2460, -51.3260

Conversions

Conversions Part 2

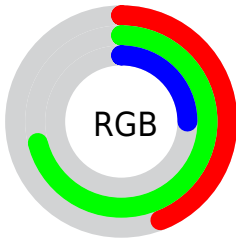
Format	Color
RYB	64, 182, 133
Decimal	7452224
CIELab	67.53, -41.99, 51.53
CIELCh	68, 66.468, 129.176
Yxy	37.3368, 0.3371, 0.5145
Android (android.graphics.Color)	4285642304 (0xFF71B640)
YUV	147.9170, -41.3711, -30.6222
Hunter-Lab	61.1038, -35.4678, 32.3245

Details

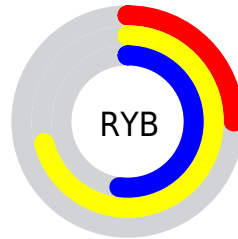
The Hex color **71B640** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8540B6**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A9EE75**, and **398000** is the 20% darker color. If you saturate the color by 10%, you get **66B62E**, and if you desaturate by 10%, it is **7CB652**.

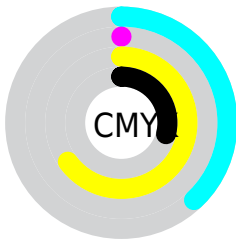
Distribution



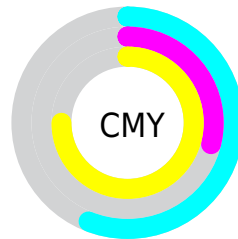
- Red (44%)
- Green (71%)
- Blue (25%)



- Red (25%)
- Yellow (71%)
- Blue (52%)



- Cyan (38%)
- Magenta (0%)
- Yellow (65%)
- Black (29%)




- Cyan (56%)
- Magenta (29%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71B640 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 71B640 by changing the saturation by 10% instead.

 71B640

 71B640

FFFFFF

 559B25

 A9EE75

 398000

 C6FF90

 1A6700

 E3FFAB

 004E00


 FFFFC7


 003600

 FFFF E4

 002200

 000000

 71B640

 71B640


 66B62E

 7CB652

 5CB61C

 86B664

 51B609

 91B677

 4CB600

 9CB689

 A6B69B

 B1B6AD

 BBB6BF

 C6B6D2

 D1B6E4

Harmonies

Analogous

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



B2A71B



71B640



00BE77

Triad

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



71B640



00B6FF



FF6B94

Complementary

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



71B640



8540B6

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.



FA73D0



71B640



43A5FF

Square

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



71B640



00BFEF



BF8CFF



FF795C

Rectangle

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



71B640



00C1A1



BF8CFF



FF6BA9

Sweetspot

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



71B640



D3EDC0



B68540



68785C



F7F7F7



787878

Same Dimension

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



71B640



81ED34



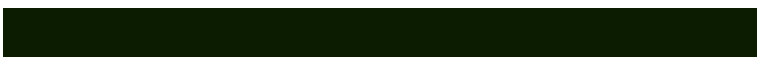
40B64A



565C53



419C00



0C1C00

Inverse Universe

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



8540B6



A034ED



B640AC



58535C



5B009C



10001C

Previews

White Background



This preview shows how the Hex color 71B640 looks on a white background.

Color Contrast Check

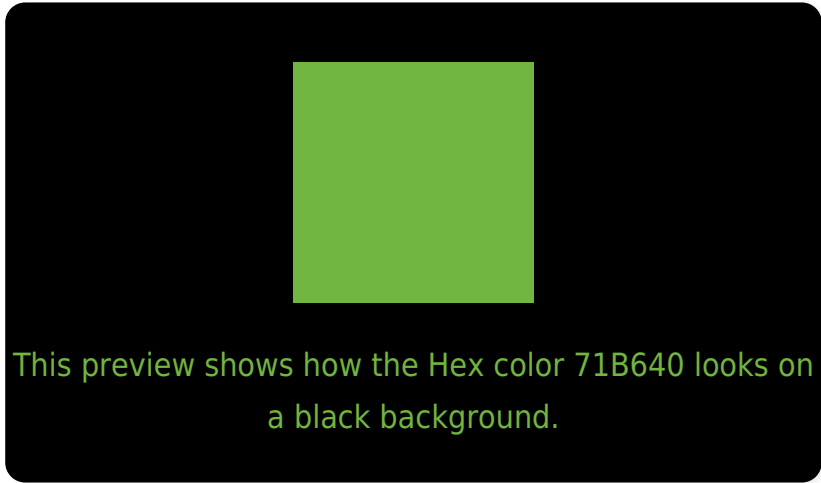
Large Text (above 18pt) WCAG AA × Fail

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 71B640 Background



This preview shows how black text looks on a background with the Hex color 71B640.



This preview shows how white text looks on a background with the Hex color 71B640.

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
71B640

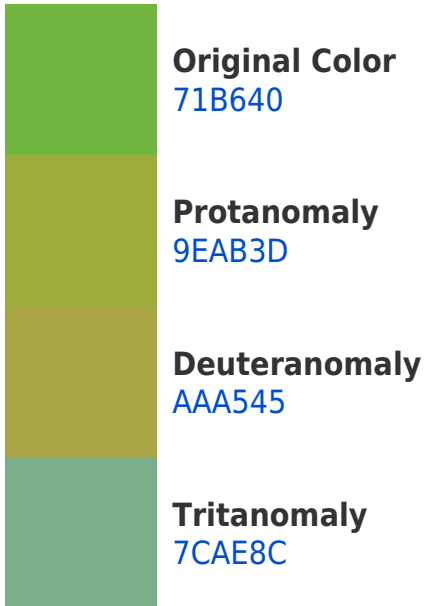
Protanopia
B7A43B

Deuteranopia
CB9C48

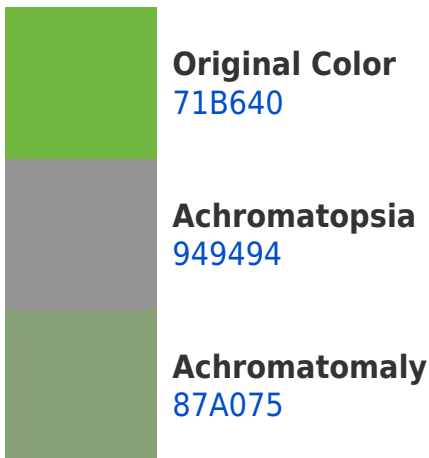


Tritanopia
83AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71B640 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 #71B640 looks like.

```
.text, #text, p{  
    color:#71B640  
}
```

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 #71B640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B640
}
```

Border

The CSS property to change the border of an element to Hex 71B640 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
#71B640 }
```

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

```
.border{ border-color:#71B640 }
```

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

Here you see how a box with a 4 pixel #71B640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B640; -webkit-box-shadow:4px 4px  
4px 4px #71B640; box-shadow:4px 4px 4px  
4px #71B640 }
```

Background

The CSS property to change the background color of an element to Hex 71B640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B640 }
```

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

```
.background{ background-color:#71B640 }
```

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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