

Converting Colors

Hex(7EB624)

Have a look what the booklet for
Hex(7EB624) contains.

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Color

Hex(7EB624)

Conversions

Conversions Part 1

Format	Color
Hex	7EB624
RGB	126, 182, 36
RGB Percent	49%, 71%, 14%
CMY	0.5059, 0.2863, 0.8588
CMYK	0.31, 0.00, 0.80, 0.29
HSL	83°, 67%, 43%
HSV	83°, 80%, 71%
XYZ	25.6506, 38.0189, 7.6555
YIQ	148.6120, 13.4900, -57.2780

Conversions

Conversions Part 2

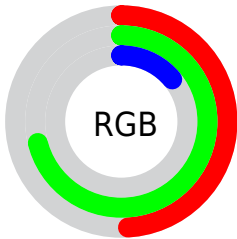
Format	Color
RYB	36, 182, 92
Decimal	8304164
CIELab	68.03, -39.10, 62.34
CIELCh	68, 73.589, 122.098
Yxy	38.0189, 0.3596, 0.5330
Android (android.graphics.Color)	4286494244 (0xFF7EB624)
YUV	148.6120, -55.5177, -19.8307
Hunter-Lab	61.6595, -33.6474, 35.8003

Details

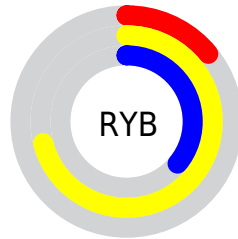
The Hex color **7EB624** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **5C24B6**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B7EE5E**, and **468100** is the 20% darker color. If you saturate the color by 10%, you get **77B612**, and if you desaturate by 10%, it is **85B636**.

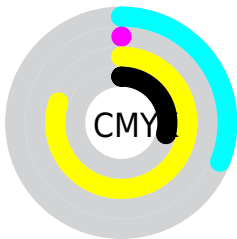
Distribution



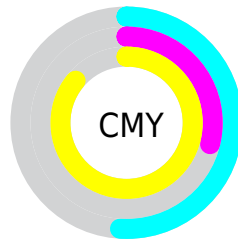
- Red (49%)
- Green (71%)
- Blue (14%)



- Red (14%)
- Yellow (71%)
- Blue (36%)



- Cyan (31%)
- Magenta (0%)
- Yellow (80%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EB624 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 7EB624 by changing the saturation by 10% instead.



7EB624



7EB624

FFFFFF



629B00



B7EE5E



468100



D4FF7A



2A6700



F1FF95



014F00



FFFFB2



003700



FFFCE



002300



FFFEB



000000



7EB624



7EB624



77B612



85B636

 70B600

 8CB648

 93B65B

 9AB66D

 A1B67F

 A8B691

 AFB6A3

 B6B6B6

 BDB6C8

Harmonies

Analogous

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



C1A400



7EB624



00C064

Triad

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



7EB624



00BDFE



FF61A4

Complementary

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



7EB624



5C24B6

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.



F973E5



7EB624



00ACFF

Square

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



7EB624



00C4EB



AA92FF



FF6E63

Rectangle

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



7EB624



00C391



AA92FF



FF64BA

Sweetspot

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



7EB624



D7EDB4



B65C24



6B7855



F7F7F7



787878

Same Dimension

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



7EB624



96ED09



35B624



585C53



609C00



111C00

Inverse Universe

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



5C24B6



6109ED



A524B6



56535C



3C009C



0B001C

Previews

White Background



This preview shows how the Hex color 7EB624 looks on a white background.

Color Contrast Check

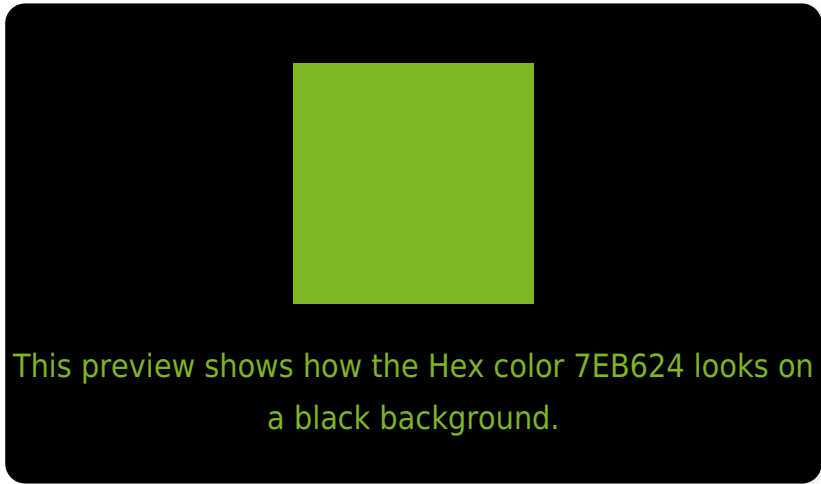
Large Text (above 18pt) WCAG AA × Fail

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 7EB624 Background



This preview shows how black text looks on a background with the Hex color 7EB624.

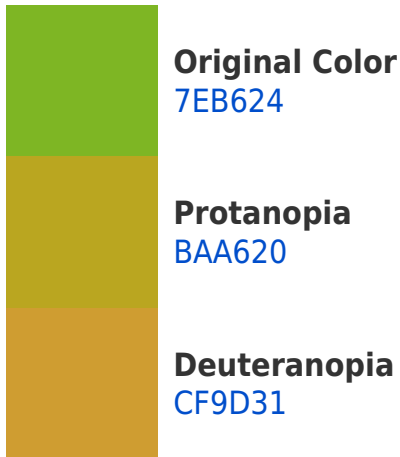


This preview shows how white text looks on a background with the Hex color 7EB624.

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
8FA9B7

Trichromacy



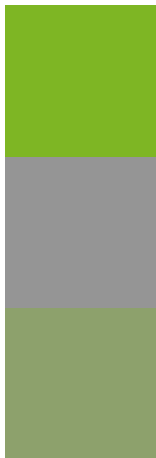
Original Color
7EB624

Protanomaly
A4AC21

Deuteranomaly
B2A62C

Tritanomaly
89AE82

Monochromacy



Original Color
7EB624

Achromatopsia
959595

Achromatomaly
8DA16C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EB624 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 #7EB624 looks like.

```
.text, #text, p{  
    color:#7EB624  
}
```

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 #7EB624 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB624
}
```

Border

The CSS property to change the border of an element to Hex 7EB624 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
#7EB624 }
```

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

```
.border{ border-color:#7EB624 }
```

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

Here you see how a box with a 4 pixel #7EB624 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB624; -webkit-box-shadow:4px 4px  
4px 4px #7EB624; box-shadow:4px 4px 4px  
4px #7EB624 }
```

Background

The CSS property to change the background color of an element to Hex 7EB624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB624 }
```

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

```
.background{ background-color:#7EB624 }
```

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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