

Converting Colors

Hex(7FEB56)

Have a look what the booklet for
Hex(7FEB56) contains.

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Color

Hex(7FEB56)

Conversions

Conversions Part 1

Format	Color
Hex	7FEB56
RGB	127, 235, 86
RGB Percent	50%, 92%, 34%
CMY	0.5020, 0.0784, 0.6627
CMYK	0.46, 0.00, 0.63, 0.08
HSL	103°, 79%, 63%
HSV	103°, 63%, 92%
XYZ	40.1404, 64.6006, 19.1576
YIQ	185.7220, -16.5390, -69.2350

Conversions

Conversions Part 2

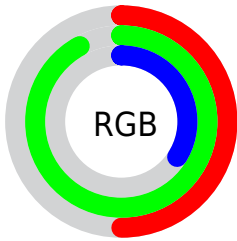
Format	Color
RYB	86, 235, 194
Decimal	8383318
CIELab	84.28, -57.10, 60.82
CIElCh	84, 83.424, 133.191
Yxy	64.6006, 0.3240, 0.5214
Android (android.graphics.Color)	4286573398 (0xFF7FEB56)
YUV	185.7220, -49.1629, -51.4992
Hunter-Lab	80.3745, -51.5093, 42.1301

Details

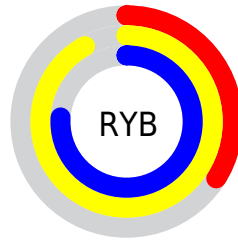
The Hex color **7FEB56** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **C256EB**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BAFF8D**, and **41B219** is the 20% darker color. If you saturate the color by 10%, you get **6EEB3F**, and if you desaturate by 10%, it is **90EB6E**.

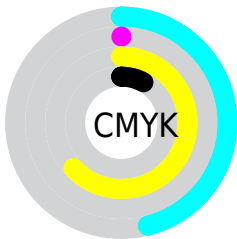
Distribution



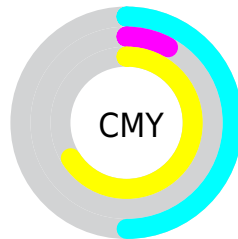
- Red (50%)
- Green (92%)
- Blue (34%)



- Red (34%)
- Yellow (92%)
- Blue (76%)



- Cyan (46%)
- Magenta (0%)
- Yellow (63%)
- Black (8%)



- Cyan (50%)
- Magenta (8%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7FEB56 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 7FEB56 by changing the saturation by 10% instead.

 7FEB56

 7FEB56

FFFFFF

 61CE3A

 BAFF8D

 41B219

 D8FFA9

 189700

 F6FFC6

 007C00

 FFFFE3

 006200

 004900

 003200

 001800

 000000

 7FEB56

 7FEB56

 6EEB3F

 90EB6E

 5DEB27

 A1EB85

 4CEB10

 B2EB9D

 41EB00

 C3EBB4

 D4EBCC

 E5EBE3

 F6EBFB

 FFEBFF

Harmonies

Analogous

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



D9D918



7FEB56



00F4A2

Triad

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



7FEB56



00E7FF



FF85B3

Complementary

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



7FEB56



C256EB

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.



FF8DFF



7FEB56



6FD0FF

Square

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



7FEB56



00F4FF



FFAEFF



FF9D69

Rectangle

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



7FEB56



00F7D9



FFAEFF



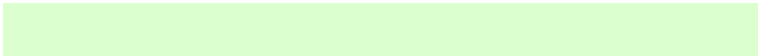
FF84CD

Sweetspot

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



7FEB56



DCFFCF



EBC156



6A8062



000000



808080

Same Dimension

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



7FEB56



73FF3D



56EB76



6D756A



32B500



0F3600

Inverse Universe

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



C256EB



CA3DFF



EB56CB



726A75



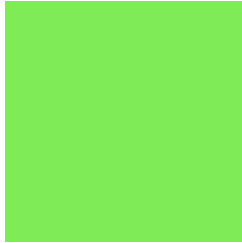
8300B5



270036

Previews

White Background



This preview shows how the Hex color 7FEB56 looks on a white background.

Color Contrast Check

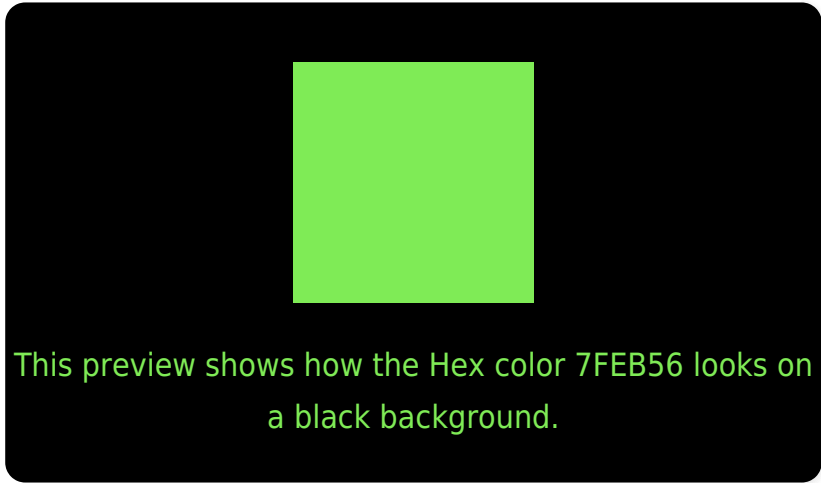
Large Text (above 18pt) WCAG AA × Fail

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 7FEB56 Background



This preview shows how black text looks on a background with the Hex color 7FEB56.

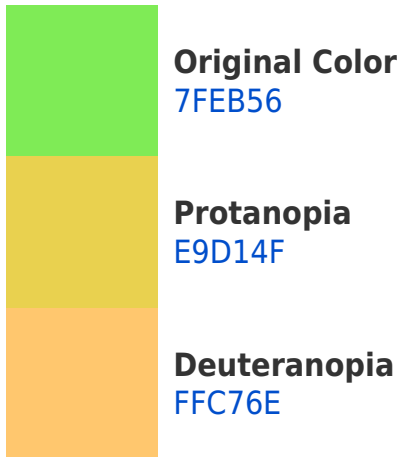


This preview shows how white text looks on a background with the Hex color 7FEB56.

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
9ADCEE

Trichromacy



Original Color

7FEB56



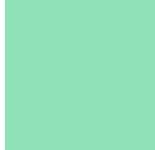
Protanomaly

C2DA52



Deuteranomaly

D0D465



Tritanomaly

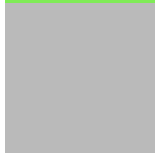
90E1B7

Monochromacy



Original Color

7FEB56



Achromatopsia

BABABA



Achromatomaly

A5CC96

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FEB56 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 #7FEB56 looks like.

```
.text, #text, p{  
    color:#7FEB56  
}
```

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 #7FEB56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FEB56
}
```

Border

The CSS property to change the border of an element to Hex 7FEB56 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
#7FEB56 }
```

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

```
.border{ border-color:#7FEB56 }
```

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

Here you see how a box with a 4 pixel #7FEB56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FEB56; -webkit-box-shadow:4px 4px  
4px 4px #7FEB56; box-shadow:4px 4px 4px  
4px #7FEB56 }
```

Background

The CSS property to change the background color of an element to Hex 7FEB56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FEB56 }
```

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

```
.background{ background-color:#7FEB56 }
```

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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