

Converting Colors

Hex(7BE25D)

Have a look what the booklet for
Hex(7BE25D) contains.

Hex(7BE25D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7BE25D)

Conversions

Conversions Part 1

Format	Color
Hex	7BE25D
RGB	123, 226, 93
RGB Percent	48%, 89%, 36%
CMY	0.5176, 0.1137, 0.6353
CMYK	0.46, 0.00, 0.59, 0.11
HSL	106°, 70%, 63%
HSV	106°, 59%, 89%
XYZ	37.3405, 59.3940, 19.8521
YIQ	180.0410, -18.6950, -63.1990

Conversions

Conversions Part 2

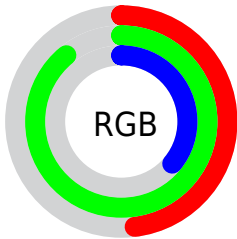
Format	Color
RYB	93, 226, 196
Decimal	8118877
CIELab	81.51, -54.09, 54.71
CIELCh	82, 76.935, 134.676
Yxy	59.3940, 0.3203, 0.5094
Android (android.graphics.Color)	4286308957 (0xFF7BE25D)
YUV	180.0410, -42.9112, -50.0250
Hunter-Lab	77.0675, -48.3818, 38.6745

Details

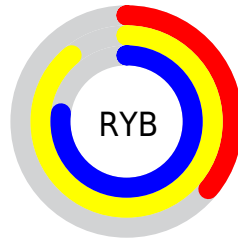
The Hex color **7BE25D** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **C45DE2**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B5FF93**, and **3FAA26** is the 20% darker color. If you saturate the color by 10%, you get **69E246**, and if you desaturate by 10%, it is **8DE274**.

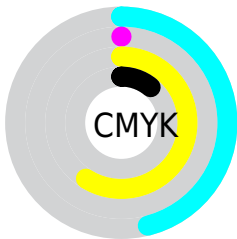
Distribution



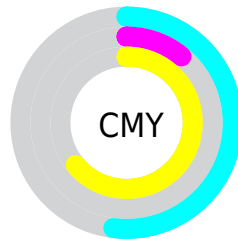
- Red (48%)
- Green (89%)
- Blue (36%)



- Red (36%)
- Yellow (89%)
- Blue (77%)



- Cyan (46%)
- Magenta (0%)
- Yellow (59%)
- Black (11%)



- Cyan (52%)
- Magenta (11%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BE25D 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 7BE25D by changing the saturation by 10% instead.

 7BE25D

 7BE25D

FFFFFF

 5EC642

 B5FF93

 3FAA26

 D3FFAF

 178F00

 F1FFCB

 007400

 FFFFE8

 005B00

 004200

 002C00

 000A00

 000000

 7BE25D

 7BE25D

 69E246

 8DE274

 58E230

 9EE28A

 46E219

 B0E2A1

 35E203

 C1E2B7

 33E200

 D3E2CE

 E4E2E5

 F6E2FB

 FFE2FF

Harmonies

Analogous

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



CED22B



7BE25D



00EBA2

Triad

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



7BE25D



00DDFF



FF87AA

Complementary

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



7BE25D



C45DE2

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.



FF8CF3



7BE25D



80C7FF

Square

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



7BE25D



00E9FF



FBA8FF



FF9C68

Rectangle

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



7BE25D



00EDD4



FBA8FF



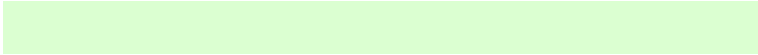
FF85C2

Sweetspot

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



7BE25D



DBFFD1



E2C35D



6A8063



000000



808080

Same Dimension

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



7BE25D



73FF4A



5DE280



687065



28B000



0B3000

Inverse Universe

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



C45DE2



D64AFF



E25DBF



6E6570



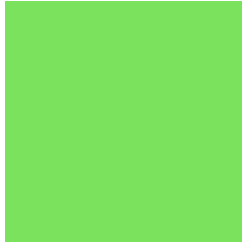
8800B0



260030

Previews

White Background



This preview shows how the Hex color 7BE25D 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



This preview shows how the Hex color 7BE25D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

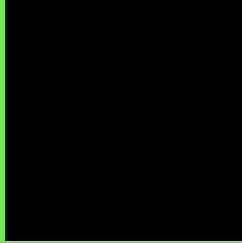
Any Text WCAG AA ✓ Pass

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 7BE25D Background



This preview shows how black text looks on a background with the Hex color 7BE25D.

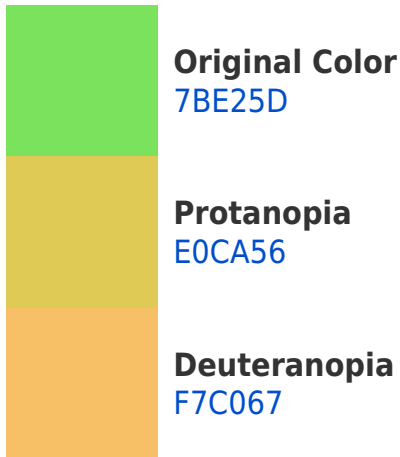


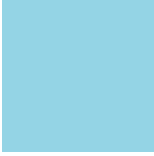
This preview shows how white text looks on a background with the Hex color 7BE25D.

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
94D4E5

Trichromacy



Original Color
7BE25D



Protanomaly
BBD359



Deuteranomaly
CAC663



Tritanomaly
8BD9B4

Monochromacy



Original Color
7BE25D



Achromatopsia
B4B4B4



Achromatomaly
9FC594

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BE25D 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 #7BE25D looks like.

```
.text, #text, p{  
    color:#7BE25D  
}
```

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 #7BE25D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BE25D
}
```

Border

The CSS property to change the border of an element to Hex 7BE25D 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
#7BE25D }
```

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

```
.border{ border-color:#7BE25D }
```

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

Here you see how a box with a 4 pixel #7BE25D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BE25D; -webkit-box-shadow:4px 4px  
4px 4px #7BE25D; box-shadow:4px 4px 4px  
4px #7BE25D }
```

Background

The CSS property to change the background color of an element to Hex 7BE25D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BE25D }
```

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

```
.background{ background-color:#7BE25D }
```

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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