

Converting Colors

Hex(80D224)

Have a look what the booklet for
Hex(80D224) contains.

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Color

Hex(80D224)

Conversions

Conversions Part 1

Format	Color
Hex	80D224
RGB	128, 210, 36
RGB Percent	50%, 82%, 14%
CMY	0.4980, 0.1765, 0.8588
CMYK	0.39, 0.00, 0.83, 0.18
HSL	88°, 71%, 48%
HSV	88°, 83%, 82%
XYZ	32.2671, 50.8098, 9.7757
YIQ	165.6460, 6.9820, -71.4980

Conversions

Conversions Part 2

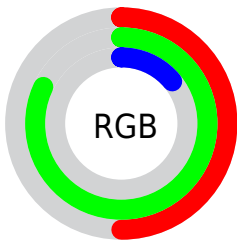
Format	Color
RYB	36, 210, 118
Decimal	8442404
CIELab	76.56, -50.18, 70.04
CIELCh	77, 86.158, 125.621
Yxy	50.8098, 0.3475, 0.5472
Android (android.graphics.Color)	4286632484 (0xFF80D224)
YUV	165.6460, -63.9155, -33.0155
Hunter-Lab	71.2810, -43.9392, 41.7655

Details

The Hex color **80D224** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **7624D2**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BBFF62**, and **449B00** is the 20% darker color. If you saturate the color by 10%, you get **76D20F**, and if you desaturate by 10%, it is **8AD239**.

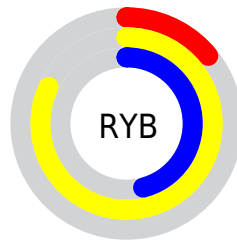
Distribution



Red (50%)

Green (82%)

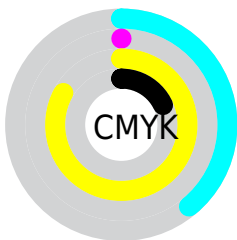
Blue (14%)



Red (14%)

Yellow (82%)

Blue (46%)

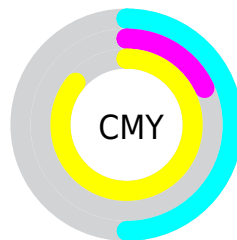


Cyan (39%)

Magenta (0%)

Yellow (83%)

Black (18%)



Cyan (50%)

Magenta (18%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D224 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 80D224 by changing the saturation by 10% instead.

 80D224

 80D224

FFFFFF

 63B600

 BBFF62

 449B00

 D8FF7F

 228000

 F6FF9B

 006600

 FFFFB8

 004E00

 FFFFD5

 003600

 FFFFF3

 001F00

 000000

 80D224

 80D224

 76D20F

 8AD239

 6FD200

 94D24E

 9ED263

 A8D278

 B1D28D

 BBD2A2

 C5D2B7

 CFD2CC

 D9D2E1

Harmonies

Analogous

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



D4BE00



80D224



00DD77

Triad

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



80D224



00D6FF



FF66B1

Complementary

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



80D224



7624D2

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.



FF7AFF



80D224



00C2FF

Square

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



80D224



00E0FF



D0A0FF



FF7C64

Rectangle

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



80D224



00E0AE



D0A0FF



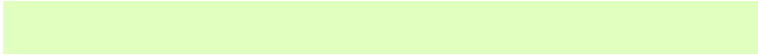
FF68CC

Sweetspot

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



80D224



E1FFBF



D27524



6D8059



000000



808080

Same Dimension

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



80D224



88FF03



2AD224



64695E



59A800



162900

Inverse Universe

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



7624D2



7A03FF



CC24D2



635E69



4F00A8



130029

Previews

White Background



This preview shows how the Hex color 80D224 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 80D224 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 80D224 Background



This preview shows how black text looks on a background with the Hex color 80D224.



This preview shows how white text looks on a background with the Hex color 80D224.

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
80D224

Protanopia
D4BC1E

Deuteranopia
ECB236



Tritanopia
97C3D3

Trichromacy



Original Color
80D224



Protanomaly
B5C420



Deuteranomaly
C5BE2F

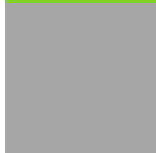


Tritanomaly
8FC893

Monochromacy



Original Color
80D224



Achromatopsia
A6A6A6



Achromatomaly
98B677

CSS Examples

Text

The CSS property to change the color of the text to Hex 80D224 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 #80D224 looks like.

```
.text, #text, p{  
    color:#80D224  
}
```

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 #80D224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D224
}
```

Border

The CSS property to change the border of an element to Hex 80D224 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
#80D224 }
```

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

```
.border{ border-color:#80D224 }
```

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

Here you see how a box with a 4 pixel #80D224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D224; -webkit-box-shadow:4px 4px  
4px 4px #80D224; box-shadow:4px 4px 4px  
4px #80D224 }
```

Background

The CSS property to change the background color of an element to Hex 80D224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D224 }
```

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

```
.background{ background-color:#80D224 }
```

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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