

Converting Colors

Hex(80D4E5)

Have a look what the booklet for
Hex(80D4E5) contains.

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Color

Hex(80D4E5)

Conversions

Conversions Part 1

Format	Color
Hex	80D4E5
RGB	128, 212, 229
RGB Percent	50%, 83%, 90%
CMY	0.4980, 0.1686, 0.1020
CMYK	0.44, 0.07, 0.00, 0.10
HSL	190°, 66%, 70%
HSV	190°, 44%, 90%
XYZ	46.5884, 57.3333, 82.7397
YIQ	188.8220, -55.5210, -12.5210

Conversions

Conversions Part 2

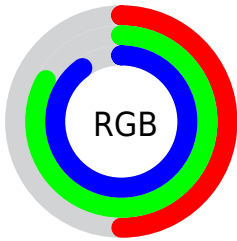
Format	Color
RYB	128, 174, 229
Decimal	8443109
CIELab	80.37, -21.14, -16.36
CIElCh	80, 26.733, 217.728
Yxy	57.3333, 0.2496, 0.3072
Android (android.graphics.Color)	4286633189 (0xFF80D4E5)
YUV	188.8220, 19.8078, -53.3409
Hunter-Lab	75.7188, -22.6799, -11.7845

Details

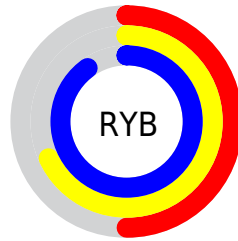
The Hex color **80D4E5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E59180**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B9FFFF**, and **469DAE** is the 20% darker color. If you saturate the color by 10%, you get **69D0E5**, and if you desaturate by 10%, it is **97D8E5**.

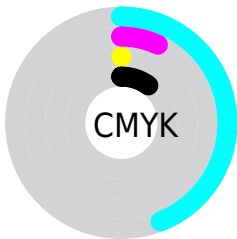
Distribution



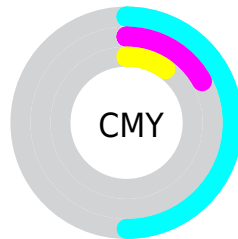
- Red (50%)
- Green (83%)
- Blue (90%)



- Red (50%)
- Yellow (68%)
- Blue (90%)



- Cyan (44%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (50%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D4E5 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 80D4E5 by changing the saturation by 10% instead.

 80D4E5

 80D4E5

FFFFFF

 63B8C9

 B9FFFF

 469DAE

 D7FFFF

 258393

 F4FFFF

 006A79

 005160

 003A49

 002432

 00041E

 000000

80D4E5

80D4E5

69D0E5

97D8E5

52CCE5

AEDCE5

3BC8E5

C5E0E5

24C5E5

DCE3E5

0DC1E5

F3E7E5

00BEE5

FFEBE5

FFEFE5

FFF3E5

FFF7E5

Harmonies

Analogous

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



85D6CD



80D4E5



92CFF5

Triad

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



80D4E5



EDB8DB



D3C896

Complementary

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



80D4E5



E59180

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.



EABF9A



80D4E5



FAB5C2

Square

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



80D4E5



D4BFEF



F8B8AA



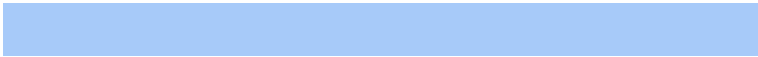
B8CF9F

Rectangle

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



80D4E5



A7CAF9



F8B8AA



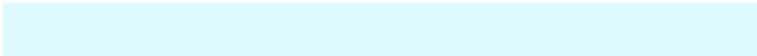
DCC596

Sweetspot

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



80D4E5



DEF9FF



80E591



6B7C80



000000



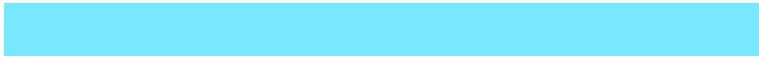
808080

Same Dimension

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



80D4E5



78E8FF



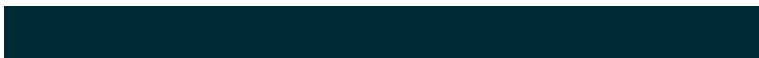
80A2E5



677173



0094B3



002A33

Inverse Universe

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



E580D4



FF78E8



E5C380



736771



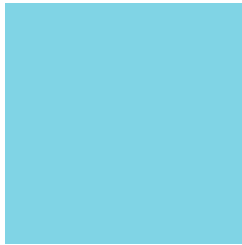
B30094



33002A

Previews

White Background



This preview shows how the Hex color 80D4E5 looks on a white background.

Color Contrast Check

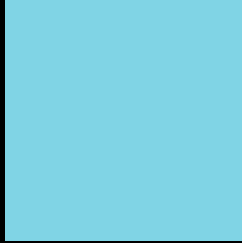
Large Text (above 18pt) WCAG AA × Fail

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 80D4E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

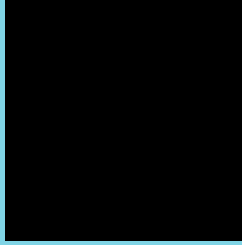
Any Text WCAG AA ✓ Pass

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 80D4E5 Background



This preview shows how black text looks on a background with the Hex color 80D4E5.

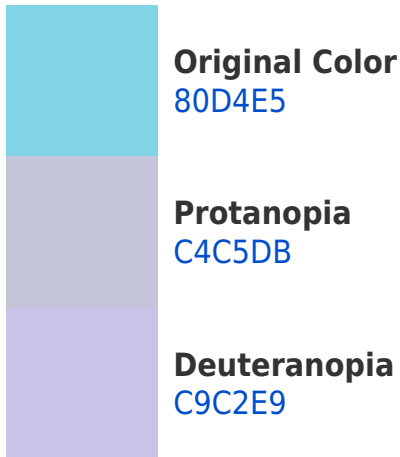


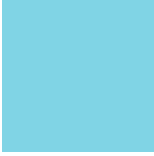
This preview shows how white text looks on a background with the Hex color 80D4E5.

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
80D4E5

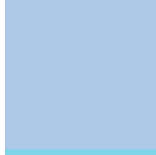
Trichromacy



Original Color
80D4E5



Protanomaly
ABCADF



Deuteranomaly
AEC9E8

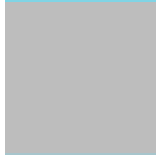


Tritanomaly
80D4E5

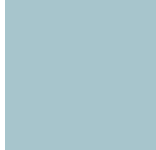
Monochromacy



Original Color
80D4E5



Achromatopsia
BDBDBD



Achromatomaly
A7C5CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 80D4E5 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 #80D4E5 looks like.

```
.text, #text, p{  
    color:#80D4E5  
}
```

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 #80D4E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D4E5
}
```

Border

The CSS property to change the border of an element to Hex 80D4E5 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
#80D4E5 }
```

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

```
.border{ border-color:#80D4E5 }
```

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

Here you see how a box with a 4 pixel #80D4E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D4E5; -webkit-box-shadow:4px 4px  
4px 4px #80D4E5; box-shadow:4px 4px 4px  
4px #80D4E5 }
```

Background

The CSS property to change the background color of an element to Hex 80D4E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D4E5 }
```

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

```
.background{ background-color:#80D4E5 }
```

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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