

Converting Colors

Hex(127DE8)

Have a look what the booklet for
Hex(127DE8) contains.

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Color

Hex(127DE8)

Conversions

Conversions Part 1

Format	Color
Hex	127DE8
RGB	18, 125, 232
RGB Percent	7%, 49%, 91%
CMY	0.9294, 0.5098, 0.0902
CMYK	0.92, 0.46, 0.00, 0.09
HSL	210°, 86%, 49%
HSV	210°, 92%, 91%
XYZ	22.1486, 20.6220, 79.1570
YIQ	105.2050, -98.1190, 10.5930

Conversions

Conversions Part 2

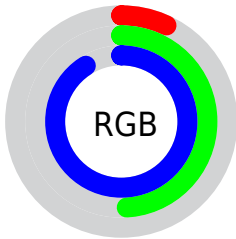
Format	Color
R_{YB}	18, 89, 232
Decimal	1211880
CIE _{Lab}	52.53, 12.28, -61.67
CIE _{LCh}	53, 62.885, 281.263
Yxy	20.6220, 0.1817, 0.1691
Android (android.graphics.Color)	4279401960 (0xFF127DE8)
YUV	105.2050, 62.5099, -76.4788
Hunter-Lab	45.4115, 7.5898, -71.5607

Details

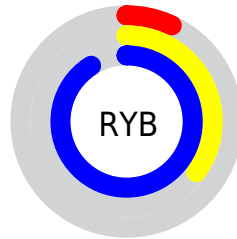
The Hex color **127DE8** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E87D12**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6EB1FF**, and **004DB0** is the 20% darker color. If you saturate the color by 10%, you get **0074E8**, and if you desaturate by 10%, it is **2989E8**.

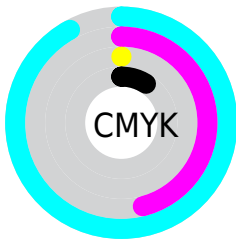
Distribution



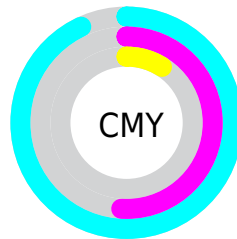
- Red (7%)
- Green (49%)
- Blue (91%)



- Red (7%)
- Yellow (35%)
- Blue (91%)



- Cyan (92%)
- Magenta (46%)
- Yellow (0%)
- Black (9%)



- Cyan (93%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 127DE8 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 127DE8 by changing the saturation by 10% instead.

 127DE8

 127DE8

FFFFFF

 0065CB

 6EB1FF

 004DB0

 8ECCFF

 003794

 AEE8FF

 00247A

 CDFFFF

 000E60

 ECFFFF

 000848

 000430

 00011A

 000000

■ 127DE8

■ 127DE8

■ 0074E8

■ 2989E8

■ 4094E8

■ 58A0E8

■ 6FABE8

■ 86B7E8

■ 9DC3E8

■ B4CEE8

■ CCDAE8

■ E3E5E8

Harmonies

Analogous

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



008DE4



127DE8



9965CF

Triad

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



127DE8



D25638



009458

Complementary

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



127DE8



E87D12

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.



478D22



127DE8



B26E01

Square

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



127DE8



DD446B



848100



009691

Rectangle

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



127DE8



BF54B2



848100



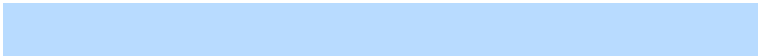
009246

Sweetspot

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



127DE8



B8DBFF



12E87D



546A80



000000



808080

Same Dimension

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



127DE8



0080FF



1212E8



676D73



0059B3



001A33

Inverse Universe

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



E8127D



FF0080



E8E812



73676D



B30059



33001A

Previews

White Background



This preview shows how the Hex color 127DE8 looks on a white background.

Color Contrast Check

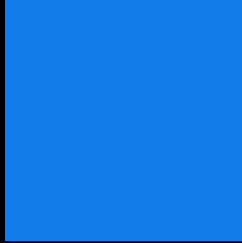
Large Text (above 18pt) WCAG AA ✓ Pass

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 127DE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

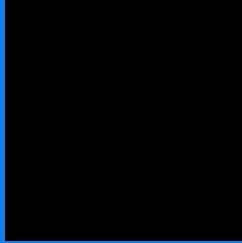
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

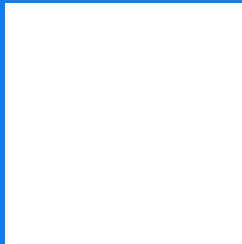
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 127DE8 Background



This preview shows how black text looks on a background with the Hex color 127DE8.



This preview shows how white text looks on a background with the Hex color 127DE8.

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
008A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 127DE8 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 #127DE8 looks like.

```
.text, #text, p{  
    color:#127DE8  
}
```

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 #127DE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #127DE8  
}
```

Border

The CSS property to change the border of an element to Hex 127DE8 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  
#127DE8 }
```

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

```
.border{ border-color:#127DE8 }
```

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

Here you see how a box with a 4 pixel #127DE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #127DE8; -webkit-box-shadow:4px 4px  
4px 4px #127DE8; box-shadow:4px 4px 4px  
4px #127DE8 }
```

Background

The CSS property to change the background color of an element to Hex 127DE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#127DE8 }
```

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

```
.background{ background-color:#127DE8 }
```

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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