

Converting Colors

Hex(1283ED)

Have a look what the booklet for
Hex(1283ED) contains.

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Color

Hex(1283ED)

Conversions

Conversions Part 1

Format	Color
Hex	1283ED
RGB	18, 131, 237
RGB Percent	7%, 51%, 93%
CMY	0.9294, 0.4863, 0.0706
CMYK	0.92, 0.45, 0.00, 0.07
HSL	209°, 86%, 50%
HSV	209°, 92%, 93%
XYZ	23.6518, 22.4756, 83.2124
YIQ	109.2970, -101.3740, 9.0100

Conversions

Conversions Part 2

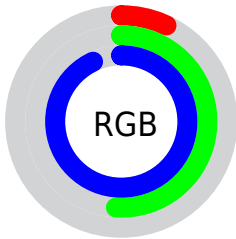
Format	Color
R_{YB}	18, 93, 237
Decimal	1213421
CIE _{Lab}	54.53, 10.49, -61.25
CIE _{LCh}	55, 62.147, 279.721
Yxy	22.4756, 0.1829, 0.1738
Android (android.graphics.Color)	4279403501 (0xFF1283ED)
YUV	109.2970, 62.9576, -80.0675
Hunter-Lab	47.4085, 6.0878, -70.8812

Details

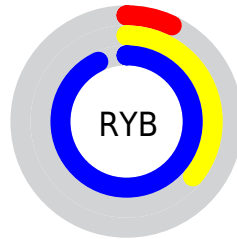
The Hex color **1283ED** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **ED7C12**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6FB7FF**, and **0053B4** is the 20% darker color. If you saturate the color by 10%, you get **007AED**, and if you desaturate by 10%, it is **2A8EED**.

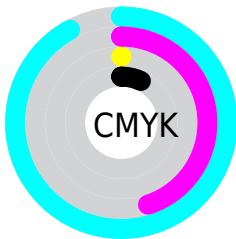
Distribution



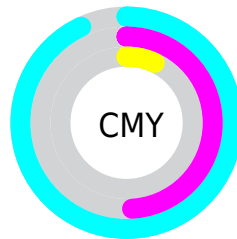
- Red (7%)
- Green (51%)
- Blue (93%)



- Red (7%)
- Yellow (36%)
- Blue (93%)



- Cyan (92%)
- Magenta (45%)
- Yellow (0%)
- Black (7%)



- Cyan (93%)
- Magenta (49%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1283ED 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 1283ED by changing the saturation by 10% instead.

 1283ED

 1283ED

FFFFFF

 006AD0

 6FB7FF

 0053B4

 90D3FF

 003D99

 AFEFFF

 00287E

 CFFFFFF

 001565

 EFFFFFF

 00094C

 000434

 00021E

 000000

■ 1283ED

■ 1283ED

■ 007AED

■ 2A8EED

■ 419AED

■ 59A5ED

■ 71B1ED

■ 88BCED

■ A0C8ED

■ B8D3ED

■ D0DFED

■ E7EAED

Harmonies

Analogous

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



0092E7



1283ED



9A6CD6

Triad

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



1283ED



D85B40



00995B

Complementary

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



1283ED



ED7C12

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.



519226



1283ED



B97210

Square

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



1283ED



E24B73



8C8600



009B93

Rectangle

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



1283ED



C25BBA



8C8600



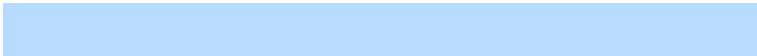
009749

Sweetspot

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



1283ED



B8DCFF



12ED7C



546B80



000000



808080

Same Dimension

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



1283ED



0084FF



1216ED



6A7075



005DB5



001C36

Inverse Universe

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



ED1283



FF0084



EDE912



756A70



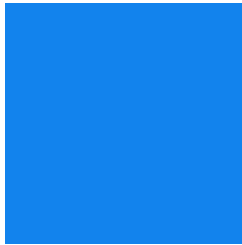
B5005D



36001C

Previews

White Background



This preview shows how the Hex color 1283ED looks on a white background.

Color Contrast Check

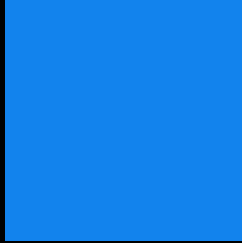
Large Text (above 18pt) WCAG AA ✓ Pass

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 1283ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

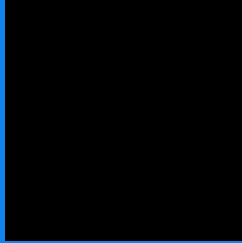
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

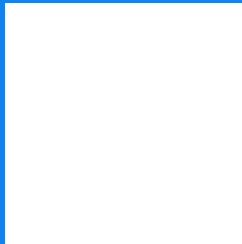
Any Text WCAG AAA × Fail

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

Hex 1283ED Background



This preview shows how black text looks on a background with the Hex color 1283ED.



This preview shows how white text looks on a background with the Hex color 1283ED.

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



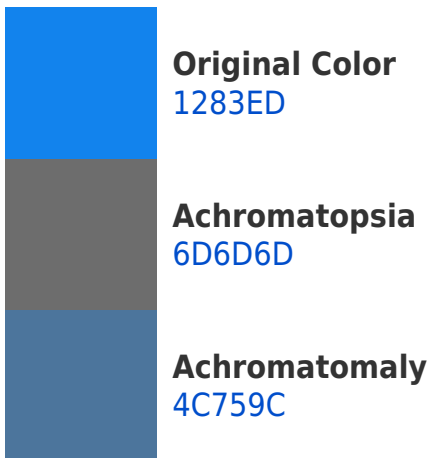


Tritanopia
00909A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1283ED 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 #1283ED looks like.

```
.text, #text, p{  
    color:#1283ED  
}
```

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 #1283ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1283ED
}
```

Border

The CSS property to change the border of an element to Hex 1283ED 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
#1283ED }
```

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

```
.border{ border-color:#1283ED }
```

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

Here you see how a box with a 4 pixel #1283ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1283ED; -webkit-box-shadow:4px 4px  
4px 4px #1283ED; box-shadow:4px 4px 4px  
4px #1283ED }
```

Background

The CSS property to change the background color of an element to Hex 1283ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1283ED }
```

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

```
.background{ background-color:#1283ED }
```

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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