

Converting Colors

Hex(328ED4)

Have a look what the booklet for
Hex(328ED4) contains.

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Color

Hex(328ED4)

Conversions

Conversions Part 1

Format	Color
Hex	328ED4
RGB	50, 142, 212
RGB Percent	20%, 56%, 83%
CMY	0.8039, 0.4431, 0.1686
CMYK	0.76, 0.33, 0.00, 0.17
HSL	206°, 65%, 51%
HSV	206°, 76%, 83%
XYZ	22.8721, 24.7776, 65.8644
YIQ	122.4720, -77.3020, 2.2660

Conversions

Conversions Part 2

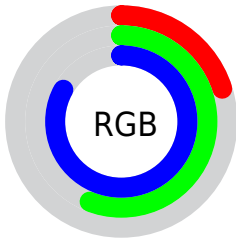
Format	Color
R_{YB}	50, 109, 212
Decimal	3313364
CIE _{Lab}	56.86, -3.04, -43.53
CIE _{LCh}	57, 43.634, 265.999
Yxy	24.7776, 0.2015, 0.2183
Android (android.graphics.Color)	4281503444 (0xFF328ED4)
YUV	122.4720, 44.1373, -63.5579
Hunter-Lab	49.7771, -5.0910, -43.6078

Details

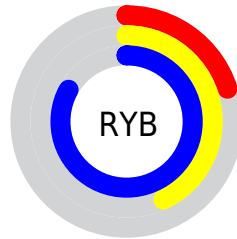
The Hex color **328ED4** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **D47832**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **76C3FF**, and **005C9D** is the 20% darker color. If you saturate the color by 10%, you get **1D85D4**, and if you desaturate by 10%, it is **4797D4**.

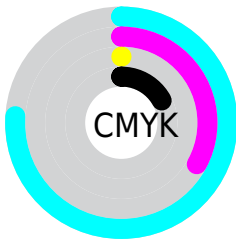
Distribution



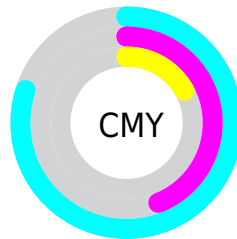
- Red (20%)
- Green (56%)
- Blue (83%)



- Red (20%)
- Yellow (43%)
- Blue (83%)



- Cyan (76%)
- Magenta (33%)
- Yellow (0%)
- Black (17%)



- Cyan (80%)
- Magenta (44%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 328ED4 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 328ED4 by changing the saturation by 10% instead.

■ 328ED4

■ 328ED4

FFFFFF

■ 0075B8

■ 76C3FF

■ 005C9D

■ 95DFFF

■ 004583

■ B3FCFF

■ 002F69

■ D1FFFF

■ 001B50

■ F0FFFF

■ 000539

■ 000222

■ 000009

■ 000000

■ 328ED4

■ 328ED4

■ 1D85D4

■ 4797D4

■ 087CD4

■ 5CA0D4

■ 0078D4

■ 72A9D4

■ 87B3D4

■ 9CBCD4

■ B1C5D4

■ C6CED4

■ DCD7D4

■ F1E0D4

Harmonies

Analogous

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



0097C7



328ED4



8380CD

Triad

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



328ED4



CF6B69



4F985C

Complementary

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



328ED4



D47832

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.



7E9041



328ED4



C0774A

Square

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



328ED4



CC698F



A3853A



009B82

Rectangle

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



328ED4



A576BE



A3853A



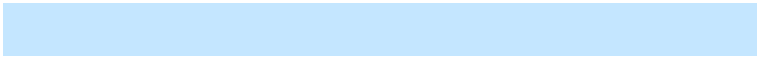
609652

Sweetspot

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



328ED4



C4E6FF



32D476



5C7080



000000



808080

Same Dimension

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



328ED4



149AFF



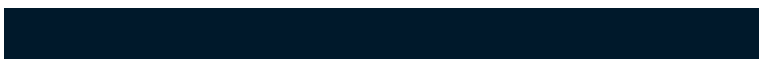
323FD4



60666B



0061AB



00192B

Inverse Universe

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



D4328E



FF149A



D4C732



6B6066



AB0061



2B0019

Previews

White Background



This preview shows how the Hex color 328ED4 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 328ED4 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

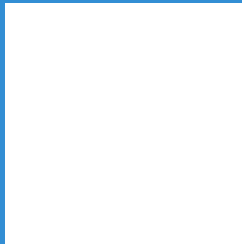
Any Text WCAG AAA × Fail

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

Hex 328ED4 Background



This preview shows how black text looks on a background with the Hex color 328ED4.

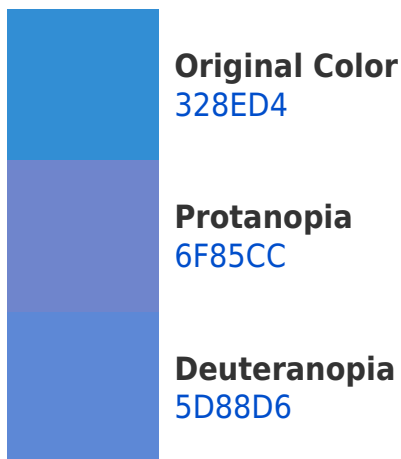


This preview shows how white text looks on a background with the Hex color 328ED4.

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](#).

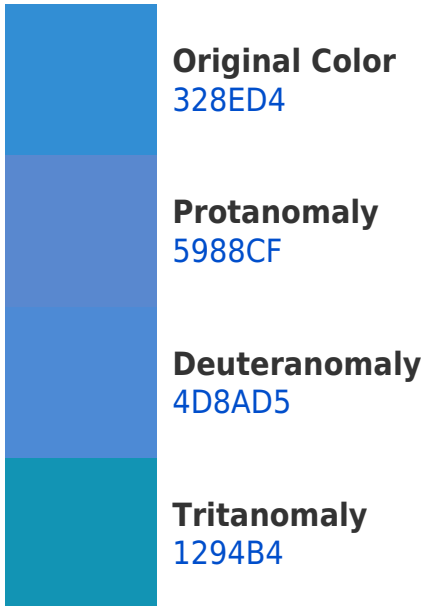
Dichromacy



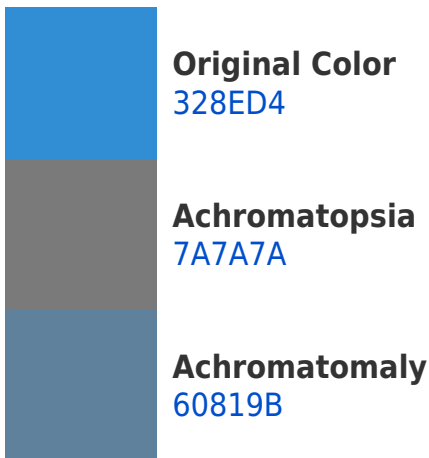


Tritanopia
0097A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 328ED4 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 #328ED4 looks like.

```
.text, #text, p{  
    color:#328ED4  
}
```

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 #328ED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #328ED4
}
```

Border

The CSS property to change the border of an element to Hex 328ED4 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
#328ED4 }
```

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

```
.border{ border-color:#328ED4 }
```

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

Here you see how a box with a 4 pixel #328ED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #328ED4; -webkit-box-shadow:4px 4px  
4px 4px #328ED4; box-shadow:4px 4px 4px  
4px #328ED4 }
```

Background

The CSS property to change the background color of an element to Hex 328ED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#328ED4 }
```

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

```
.background{ background-color:#328ED4 }
```

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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