

Converting Colors

Hex(28A4E6)

Have a look what the booklet for
Hex(28A4E6) contains.

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Color

Hex(28A4E6)

Conversions

Conversions Part 1

Format	Color
Hex	28A4E6
RGB	40, 164, 230
RGB Percent	16%, 64%, 90%
CMY	0.8431, 0.3569, 0.0980
CMYK	0.83, 0.29, 0.00, 0.10
HSL	201°, 79%, 53%
HSV	201°, 83%, 90%
XYZ	28.4335, 32.7152, 79.6790
YIQ	134.4480, -95.0900, -5.7620

Conversions

Conversions Part 2

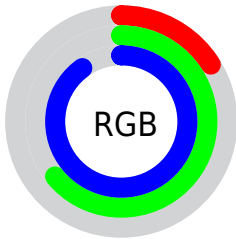
Format	Color
RYB	40, 115, 230
Decimal	2663654
CIELab	63.93, -10.12, -42.42
CIElCh	64, 43.611, 256.577
Yxy	32.7152, 0.2019, 0.2323
Android (android.graphics.Color)	4280853734 (0xFF28A4E6)
YUV	134.4480, 47.1071, -82.8309
Hunter-Lab	57.1972, -11.3605, -42.5563

Details

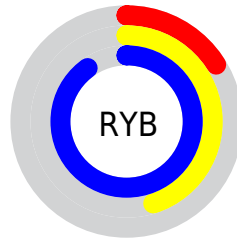
The Hex color **28A4E6** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **E66A28**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **75DBFF**, and **0070AE** is the 20% darker color. If you saturate the color by 10%, you get **119CE6**, and if you desaturate by 10%, it is **3FACE6**.

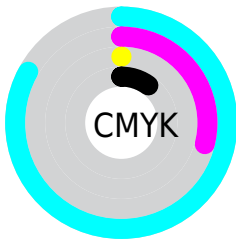
Distribution



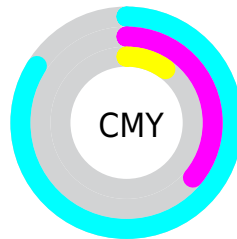
- Red (16%)
- Green (64%)
- Blue (90%)



- Red (16%)
- Yellow (45%)
- Blue (90%)



- Cyan (83%)
- Magenta (29%)
- Yellow (0%)
- Black (10%)



- Cyan (84%)
- Magenta (36%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28A4E6 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 28A4E6 by changing the saturation by 10% instead.

 28A4E6

 28A4E6

FFFFFF

 008ACA

 75DBFF

 0070AE

 95F7FF

 005893

 B4FFFF


 004179

 D3FFFF

 002B60

 F2FFFF

 001848

 000431

 00011B

 000000

■ 28A4E6

■ 28A4E6

■ 119CE6

■ 3FACE6

■ 0096E6

■ 56B4E6

■ 6DBCE6

■ 84C4E6

■ 9BCCE6

■ B2D4E6

■ C9DCE6

■ E0E4E6

■ F7ECE6

Harmonies

Analogous

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



00ACD2



28A4E6



8297E5

Triad

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



28A4E6



E57C87



71A964

Complementary

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



28A4E6



E66A28

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.



9D9F4E



28A4E6



DB8564

Square

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



28A4E6



DB7DAE



C2934E



35AE88

Rectangle

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



28A4E6



AA8DDA



C2934E



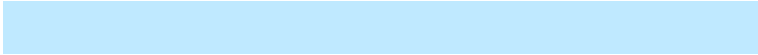
81A65A

Sweetspot

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



28A4E6



BFE9FF



28E667



597280



000000



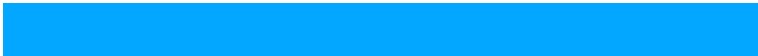
808080

Same Dimension

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



28A4E6



03A7FF



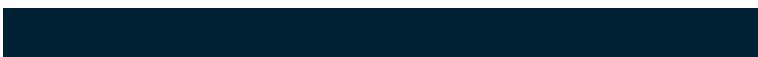
2848E6



676F73



0074B3



002133

Inverse Universe

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



E628A4



FF03A7



E6C628



73676F



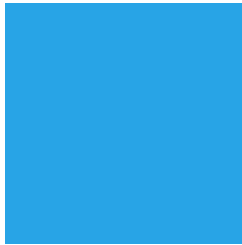
B30074



330021

Previews

White Background



This preview shows how the Hex color 28A4E6 looks on a white background.

Color Contrast Check

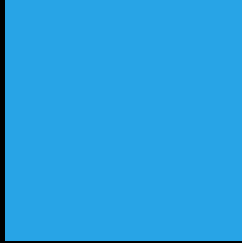
Large Text (above 18pt) WCAG AA × Fail

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 28A4E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

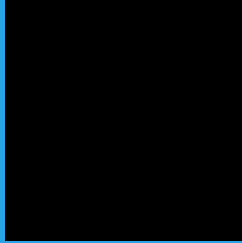
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

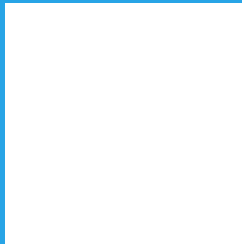
Any Text WCAG AAA ✓ Pass

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

Hex 28A4E6 Background



This preview shows how black text looks on a background with the Hex color 28A4E6.

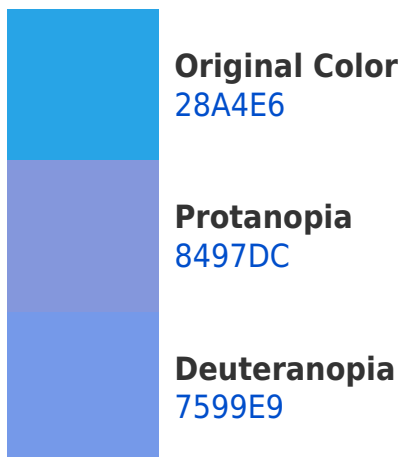


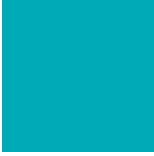
This preview shows how white text looks on a background with the Hex color 28A4E6.

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



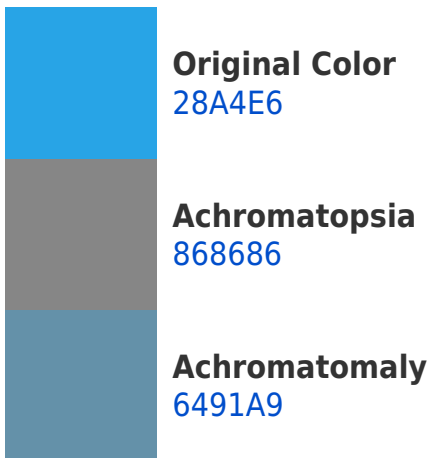


Tritanopia
00ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28A4E6 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 #28A4E6 looks like.

```
.text, #text, p{  
    color:#28A4E6  
}
```

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 #28A4E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28A4E6
}
```

Border

The CSS property to change the border of an element to Hex 28A4E6 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
#28A4E6 }
```

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

```
.border{ border-color:#28A4E6 }
```

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

Here you see how a box with a 4 pixel #28A4E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28A4E6; -webkit-box-shadow:4px 4px  
4px 4px #28A4E6; box-shadow:4px 4px 4px  
4px #28A4E6 }
```

Background

The CSS property to change the background color of an element to Hex 28A4E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28A4E6 }
```

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

```
.background{ background-color:#28A4E6 }
```

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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