

Converting Colors

Hex(2A64D8)

Have a look what the booklet for
Hex(2A64D8) contains.

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Color

Hex(2A64D8)

Conversions

Conversions Part 1

Format	Color
Hex	2A64D8
RGB	42, 100, 216
RGB Percent	16%, 39%, 85%
CMY	0.8353, 0.6078, 0.1529
CMYK	0.81, 0.54, 0.00, 0.15
HSL	220°, 69%, 51%
HSV	220°, 81%, 85%
XYZ	17.9067, 14.5645, 66.8332
YIQ	95.8820, -71.8040, 23.7800

Conversions

Conversions Part 2

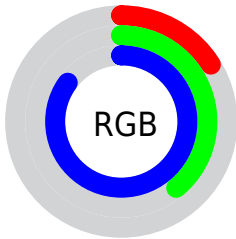
Format	Color
R_{YB}	42, 86, 216
Decimal	2778328
CIE _{Lab}	45.03, 23.57, -64.74
CIE _{LCh}	45, 68.899, 290.002
Yxy	14.5645, 0.1803, 0.1467
Android (android.graphics.Color)	4280968408 (0xFF2A64D8)
YUV	95.8820, 59.2182, -47.2545
Hunter-Lab	38.1634, 16.9682, -77.1165




Details

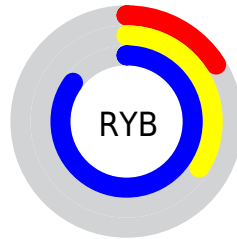
The Hex color **2A64D8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **D89E2A**, and the grayscale version is **5F5F5F**.




A 20% lighter version of the original color is **7496FF**, and **0037A0** is the 20% darker color. If you saturate the color by 10%, you get **1456D8**, and if you desaturate by 10%, it is **4072D8**.

Distribution







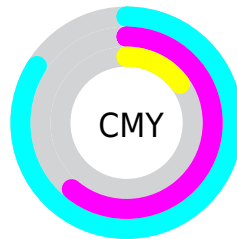
-  Red (16%)
-  Green (39%)
-  Blue (85%)






-  Red (16%)
-  Yellow (34%)
-  Blue (85%)



-  Cyan (81%)
-  Magenta (54%)
-  Yellow (0%)
-  Black (15%)



-  Cyan (84%)
-  Magenta (61%)
-  Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A64D8 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 2A64D8 by changing the saturation by 10% instead.

■ 2A64D8

■ 2A64D8

FFFFFF

■ 004DBC

■ 7496FF

■ 0037A0

■ 93B1FF

■ 002385

■ B1CCFF

■ 00106B

■ D0E8FF

■ 000952

■ EFFFFFF

■ 00053A

■ 000223

■ 00000B

■ 000000

■ 2A64D8

■ 2A64D8

■ 1456D8

■ 4072D8

■ 0048D8

■ 5581D8

■ 6B8FD8

■ 809ED8

■ 96ACD8

■ ACBAD8

■ C1C9D8

■ D7D7D8

■ ECE6D8

Harmonies

Analogous

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



0077DD



2A64D8



9B45B5

Triad

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



2A64D8



B8450B



008255

Complementary

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



2A64D8



D89E2A

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.



007D14



2A64D8



926100

Square

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



2A64D8



CD2347



5D7300



008390

Rectangle

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



2A64D8



BB2D93



5D7300



008140

Sweetspot

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



2A64D8



C2D6FF



2AD89E



5B6780



000000



808080

Same Dimension

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



2A64D8



085AFF



472AD8



60646B



0039AB



000E2B

Inverse Universe

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



D82A64



FF085A



BBD82A



6B6064



AB0039



2B000E

Previews

White Background



This preview shows how the Hex color 2A64D8 looks on a white background.

Color Contrast Check

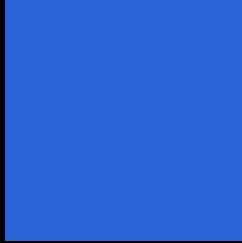
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2A64D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

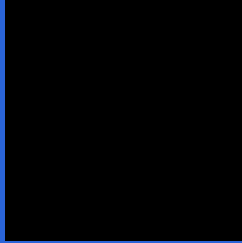
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2A64D8 Background



This preview shows how black text looks on a background with the Hex color 2A64D8.



This preview shows how white text looks on a background with the Hex color 2A64D8.

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



Original Color
2A64D8

Protanopia
0066D9

Deuteranopia
006CBB



Tritanopia
00767D

Trichromacy



Original Color
2A64D8

Protanomaly
0F65D9

Deuteranomaly
0F69C6

Tritanomaly
0F6F9E

Monochromacy



Original Color
2A64D8

Achromatopsia
606060

Achromatomaly
4C618C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A64D8 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 #2A64D8 looks like.

```
.text, #text, p{  
    color:#2A64D8  
}
```

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 #2A64D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A64D8
}
```

Border

The CSS property to change the border of an element to Hex 2A64D8 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
#2A64D8 }
```

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

```
.border{ border-color:#2A64D8 }
```

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

Here you see how a box with a 4 pixel #2A64D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A64D8; -webkit-box-shadow:4px 4px  
4px 4px #2A64D8; box-shadow:4px 4px 4px  
4px #2A64D8 }
```

Background

The CSS property to change the background color of an element to Hex 2A64D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A64D8 }
```

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

```
.background{ background-color:#2A64D8 }
```

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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