

Converting Colors

Hex(2D75E2)

Have a look what the booklet for
Hex(2D75E2) contains.

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Color

Hex(2D75E2)

Conversions

Conversions Part 1

Format	Color
Hex	2D75E2
RGB	45, 117, 226
RGB Percent	18%, 46%, 89%
CMY	0.8235, 0.5412, 0.1137
CMYK	0.80, 0.48, 0.00, 0.11
HSL	216°, 76%, 53%
HSV	216°, 80%, 89%
XYZ	21.1709, 18.7715, 74.4589
YIQ	107.8980, -77.9010, 18.6350

Conversions

Conversions Part 2

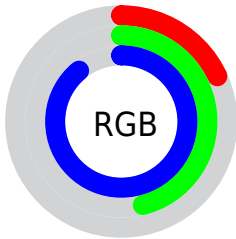
Format	Color
R _Y B	45, 97, 226
Decimal	2979298
CIE Lab	50.42, 16.80, -61.69
CIE LCh	50, 63.936, 285.236
Yxy	18.7715, 0.1851, 0.1641
Android (android.graphics.Color)	4281169378 (0xFF2D75E2)
YUV	107.8980, 58.2243, -55.1615
Hunter-Lab	43.3260, 11.4021, -71.5659

Details

The Hex color **2D75E2** 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 **E29A2D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **77A8FF**, and **0046AA** is the 20% darker color. If you saturate the color by 10%, you get **1667E2**, and if you desaturate by 10%, it is **4483E2**.

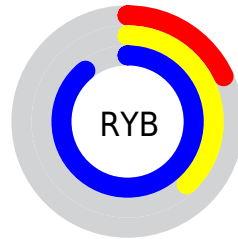
Distribution



Red (18%)

Green (46%)

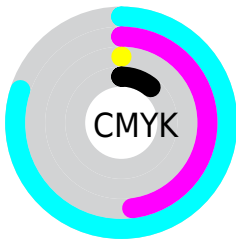
Blue (89%)



Red (18%)

Yellow (38%)

Blue (89%)

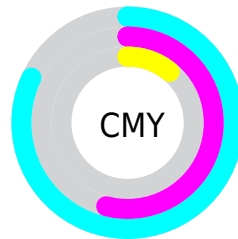


Cyan (80%)

Magenta (48%)

Yellow (0%)

Black (11%)



Cyan (82%)

Magenta (54%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D75E2 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 2D75E2 by changing the saturation by 10% instead.

 2D75E2

 2D75E2

FFFFFF

 005DC6

 77A8FF

 0046AA

 96C3FF

 00318F

 B5DFFF

 001E74

 D4FCFF

 00025B

 F3FFFF

 000743

 00032B

 000116

 000000

■ 2D75E2

■ 2D75E2

■ 1667E2

■ 4483E2

■ 005AE2

■ 5A90E2

■ 719EE2

■ 87ABE2

■ 9EB9E2

■ B5C7E2

■ CBD4E2

■ E2E2E2

■ F8EFE2

Harmonies

Analogous

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



0086E2



2D75E2



9D5CC5

Triad

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



2D75E2



C9532B



008F5A

Complementary

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



2D75E2



E29A2D

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.



338922



2D75E2



A76C00

Square

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



2D75E2



D83D5F



777E00



009193

Rectangle

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



2D75E2



C049A7



777E00



008D47

Sweetspot

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



2D75E2



C2DAFF



2DE29A



5B6980



000000



808080

Same Dimension

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



2D75E2



0A6CFF



3F2DE2



656970



0046B0



001330

Inverse Universe

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



E22D75



FF0A6C



D0E22D



706569



B00046



300013

Previews

White Background



This preview shows how the Hex color 2D75E2 looks on a white background.

Color Contrast Check

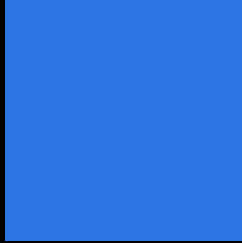
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D75E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

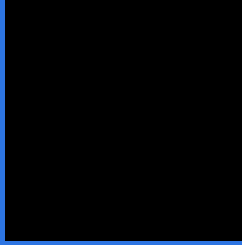
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

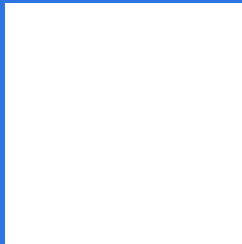
Any Text WCAG AAA × Fail

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

Hex 2D75E2 Background



This preview shows how black text looks on a background with the Hex color 2D75E2.



This preview shows how white text looks on a background with the Hex color 2D75E2.

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



Trichromacy



Original Color
2D75E2

Protanomaly
3774E1

Tritanomaly
107FAD

Monochromacy



Original Color
2D75E2

Achromatopsia
6C6C6C

Achromatomaly
556F97

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D75E2 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 #2D75E2 looks like.

```
.text, #text, p{  
    color:#2D75E2  
}
```

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 #2D75E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D75E2
}
```

Border

The CSS property to change the border of an element to Hex 2D75E2 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
#2D75E2 }
```

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

```
.border{ border-color:#2D75E2 }
```

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

Here you see how a box with a 4 pixel #2D75E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D75E2; -webkit-box-shadow:4px 4px  
4px 4px #2D75E2; box-shadow:4px 4px 4px  
4px #2D75E2 }
```

Background

The CSS property to change the background color of an element to Hex 2D75E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D75E2 }
```

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

```
.background{ background-color:#2D75E2 }
```

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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