

Converting Colors

Hex(2A56D4)

Have a look what the booklet for
Hex(2A56D4) contains.

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Color

Hex(2A56D4)

Conversions

Conversions Part 1

Format	Color
Hex	2A56D4
RGB	42, 86, 212
RGB Percent	16%, 34%, 83%
CMY	0.8353, 0.6627, 0.1686
CMYK	0.80, 0.59, 0.00, 0.17
HSL	224°, 67%, 50%
HSV	224°, 80%, 83%
XYZ	16.1663, 11.9013, 63.7325
YIQ	87.2080, -66.6700, 29.8580

Conversions

Conversions Part 2

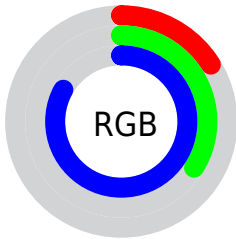
Format	Color
R _Y B	42, 77, 212
Decimal	2774740
CIE Lab	41.06, 31.09, -68.92
CIE LCh	41, 75.610, 294.277
Yxy	11.9013, 0.1761, 0.1296
Android (android.graphics.Color)	4280964820 (0xFF2A56D4)
YUV	87.2080, 61.5225, -39.6474
Hunter-Lab	34.4982, 23.2754, -85.3843

Details

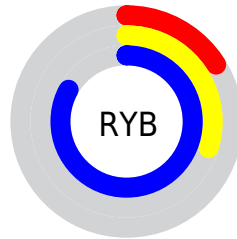
The Hex color **2A56D4** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **D4A82A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7387FF**, and **002A9C** is the 20% darker color. If you saturate the color by 10%, you get **1546D4**, and if you desaturate by 10%, it is **3F66D4**.

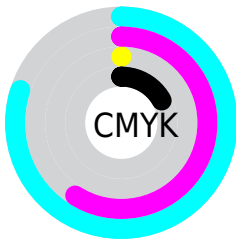
Distribution



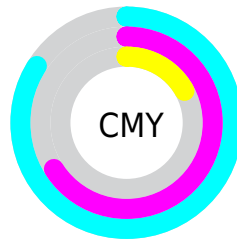
- Red (16%)
- Green (34%)
- Blue (83%)



- Red (16%)
- Yellow (30%)
- Blue (83%)



- Cyan (80%)
- Magenta (59%)
- Yellow (0%)
- Black (17%)



- Cyan (84%)
- Magenta (66%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A56D4 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 2A56D4 by changing the saturation by 10% instead.

 2A56D4

 2A56D4

FFFFFF

 003FB8

 7387FF

 002A9C

 93A1FF

 001781

 B1BCFF

 000068

 D0D8FF

 000A4E

 EFF4FF

 000536

 000220

 000004

 000000

■ 2A56D4

■ 2A56D4

■ 1546D4

■ 3F66D4

■ 0037D4

■ 5475D4

■ 6A85D4

■ 7F95D4

■ 94A5D4

■ A9B4D4

■ BEC4D4

■ D4D4D4

■ E9E3D4

Harmonies

Analogous

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



006DDF



2A56D4



9D2DAA

Triad

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



2A56D4



AD3B00



007953

Complementary

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



2A56D4



D4A82A

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.



007504



2A56D4



815A00

Square

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



2A56D4



C60033



466C00



007A93

Rectangle

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



2A56D4



BC0084



466C00



00783C

Sweetspot

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



2A56D4



C2D2FF



2AD4A7



5B6480



000000



808080

Same Dimension

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



2A56D4



0A4AFF



522AD4



60636B



002CAB



000B2B

Inverse Universe

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



D42A56



FF0A4A



ACD42A



6B6063



AB002C



2B000B

Previews

White Background



This preview shows how the Hex color 2A56D4 looks on a white background.

Color Contrast Check

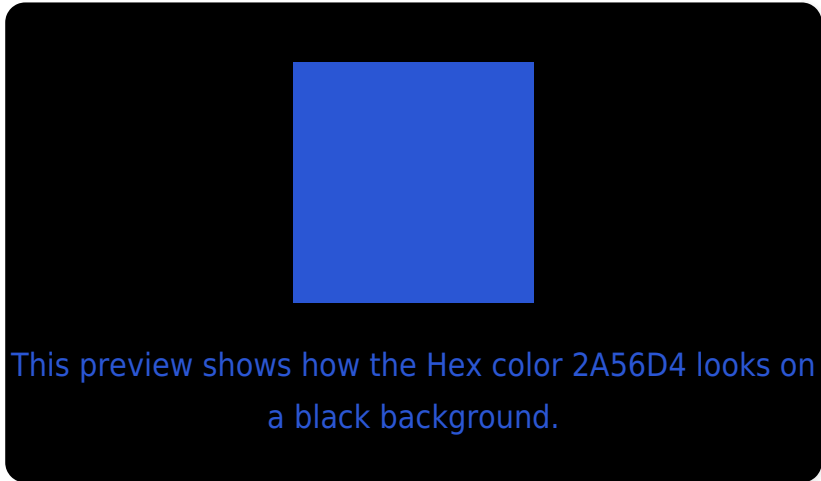
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

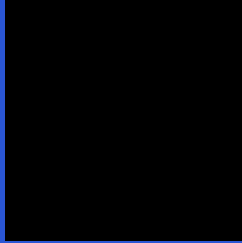
Any Text WCAG AA × Fail

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 2A56D4 Background



This preview shows how black text looks on a background with the Hex color 2A56D4.



This preview shows how white text looks on a background with the Hex color 2A56D4.

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
2A56D4

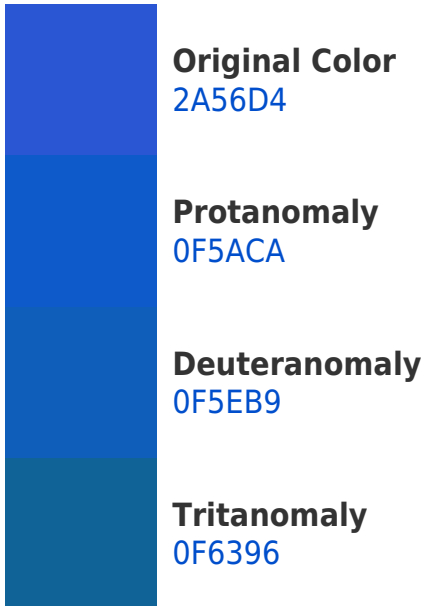
Protanopia
005DC4

Deuteranopia
0063A9



Tritanopia
006B72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A56D4 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 #2A56D4 looks like.

```
.text, #text, p{  
    color:#2A56D4  
}
```

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 #2A56D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A56D4
}
```

Border

The CSS property to change the border of an element to Hex 2A56D4 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
#2A56D4 }
```

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

```
.border{ border-color:#2A56D4 }
```

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

Here you see how a box with a 4 pixel #2A56D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A56D4; -webkit-box-shadow:4px 4px  
4px 4px #2A56D4; box-shadow:4px 4px 4px  
4px #2A56D4 }
```

Background

The CSS property to change the background color of an element to Hex 2A56D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A56D4 }
```

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

```
.background{ background-color:#2A56D4 }
```

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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