

Converting Colors

Hex(2D65DA)

Have a look what the booklet for
Hex(2D65DA) contains.

Hex(2D65DA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2D65DA)

Conversions

Conversions Part 1

Format	Color
Hex	2D65DA
RGB	45, 101, 218
RGB Percent	18%, 40%, 85%
CMY	0.8235, 0.6039, 0.1451
CMYK	0.79, 0.54, 0.00, 0.15
HSL	221°, 70%, 52%
HSV	221°, 79%, 85%
XYZ	18.3908, 14.9272, 68.2416
YIQ	97.5940, -70.9330, 24.5150

Conversions

Conversions Part 2

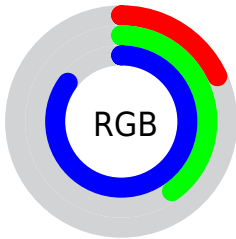
Format	Color
R_{YB}	45, 87, 218
Decimal	2975194
CIE _{Lab}	45.53, 23.96, -65.06
CIE _{LCh}	46, 69.334, 290.217
Yxy	14.9272, 0.1811, 0.1470
Android (android.graphics.Color)	4281165274 (0xFF2D65DA)
YUV	97.5940, 59.3602, -46.1249
Hunter-Lab	38.6357, 17.3541, -77.6778

Details

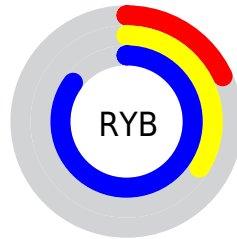
The Hex color **2D65DA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DAA22D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7697FF**, and **0038A2** is the 20% darker color. If you saturate the color by 10%, you get **1756DA**, and if you desaturate by 10%, it is **4374DA**.

Distribution



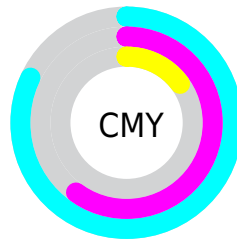
- Red (18%)
- Green (40%)
- Blue (85%)



- Red (18%)
- Yellow (34%)
- Blue (85%)



- Cyan (79%)
- Magenta (54%)
- Yellow (0%)
- Black (15%)



- Cyan (82%)
- Magenta (60%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D65DA 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 2D65DA by changing the saturation by 10% instead.

■ 2D65DA

■ 2D65DA

FFFFFF

■ 004EBE

■ 7697FF

■ 0038A2

■ 95B2FF

■ 002387

■ B3CDFF

■ 00116D

■ D2E9FF

■ 000854

■ F1FFFF

■ 00063C

■ 000225

■ 00010D

■ 000000

■ 2D65DA

■ 2D65DA

■ 1756DA

■ 4374DA

■ 0148DA

■ 5982DA

■ 0047DA

■ 6E91DA

■ 84A0DA

■ 9AAFDA

■ B0BDDA

■ C6CCDA

■ DBDBDA

■ F1EADA

Harmonies

Analogous

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



0079DF



2D65DA



9D46B7

Triad

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



2D65DA



BA470B



008356

Complementary

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



2D65DA



DAA22D

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.



007F15



2D65DA



936300

Square

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



2D65DA



CF2448



5E7500



008592

Rectangle

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



2D65DA



BE2D94



5E7500



008242

Sweetspot

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



2D65DA



C2D6FF



2DDAA0



5B6680



000000



808080

Same Dimension

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



2D65DA



0D5BFF



4A2DDA



63666E



0038AD



000F2E

Inverse Universe

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



DA2D65



FF0D5B



BDDA2D



6E6366



AD0038



2E000F

Previews

White Background



This preview shows how the Hex color 2D65DA looks on a white background.

Color Contrast Check

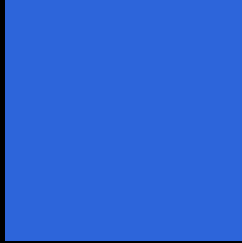
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D65DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

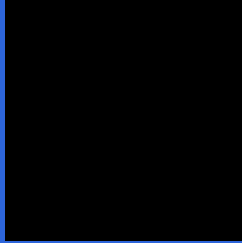
Any Text WCAG AA × Fail

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 2D65DA Background



This preview shows how black text looks on a background with the Hex color 2D65DA.

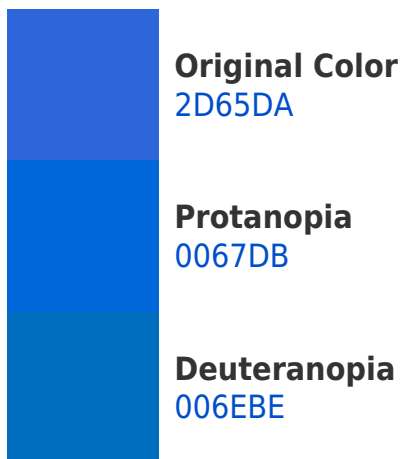


This preview shows how white text looks on a background with the Hex color 2D65DA.

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](#).

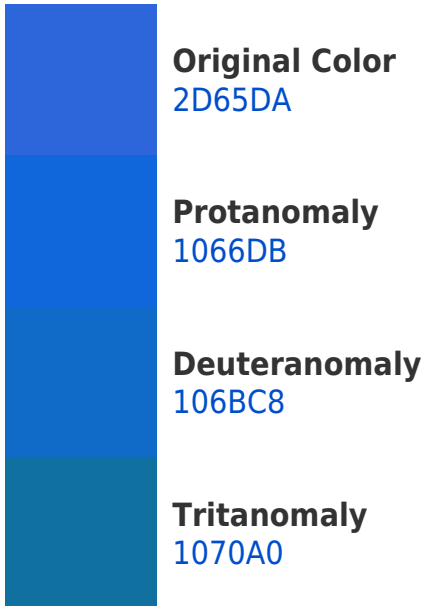
Dichromacy



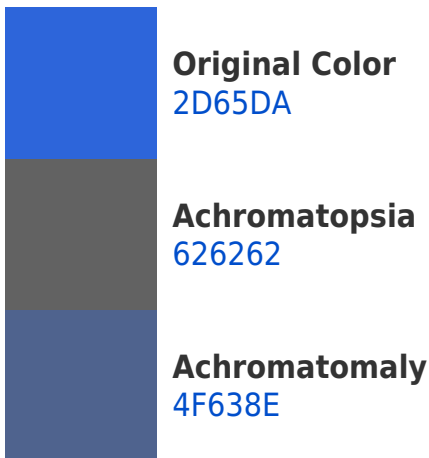


Tritanopia
00777F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D65DA 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 #2D65DA looks like.

```
.text, #text, p{  
    color:#2D65DA  
}
```

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 #2D65DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D65DA
}
```

Border

The CSS property to change the border of an element to Hex 2D65DA 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
#2D65DA }
```

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

```
.border{ border-color:#2D65DA }
```

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

Here you see how a box with a 4 pixel #2D65DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D65DA; -webkit-box-shadow:4px 4px  
4px 4px #2D65DA; box-shadow:4px 4px 4px  
4px #2D65DA }
```

Background

The CSS property to change the background color of an element to Hex 2D65DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D65DA }
```

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

```
.background{ background-color:#2D65DA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor