

Converting Colors

Hex(2567DA)

Have a look what the booklet for
Hex(2567DA) contains.

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Color

Hex(2567DA)

Conversions

Conversions Part 1

Format	Color
Hex	2567DA
RGB	37, 103, 218
RGB Percent	15%, 40%, 85%
CMY	0.8549, 0.5961, 0.1451
CMYK	0.83, 0.53, 0.00, 0.15
HSL	218°, 71%, 50%
HSV	218°, 83%, 85%
XYZ	18.2681, 15.1558, 68.2922
YIQ	96.3760, -76.2510, 21.7730

Conversions

Conversions Part 2

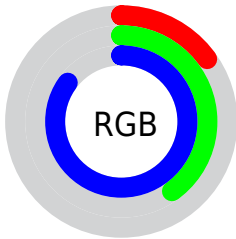
Format	Color
R_{YB}	37, 85, 218
Decimal	2451418
CIE _{Lab}	45.85, 21.97, -64.57
CIE _{LCh}	46, 68.201, 288.791
Yxy	15.1558, 0.1796, 0.1490
Android (android.graphics.Color)	4280641498 (0xFF2567DA)
YUV	96.3760, 59.9606, -52.0728
Hunter-Lab	38.9304, 15.6329, -76.7559

Details

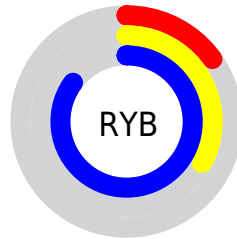
The Hex color **2567DA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DA9825**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7199FF**, and **0039A2** is the 20% darker color. If you saturate the color by 10%, you get **0F59DA**, and if you desaturate by 10%, it is **3B75DA**.

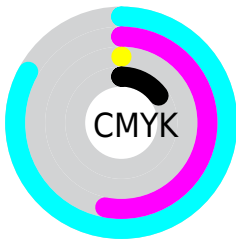
Distribution



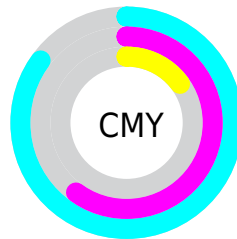
- Red (15%)
- Green (40%)
- Blue (85%)



- Red (15%)
- Yellow (33%)
- Blue (85%)



- Cyan (83%)
- Magenta (53%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (60%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2567DA 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 2567DA by changing the saturation by 10% instead.

■ 2567DA

■ 2567DA

FFFFFF

■ 004FBE

■ 7199FF

■ 0039A2

■ 91B4FF

■ 002587

■ B0CFFF

■ 00136D

■ CEEBFF

■ 000854

■ EDFFFF

■ 00063C

■ 000225

■ 00010D

■ 000000

■ 2567DA

■ 2567DA

■ 0F59DA

■ 3B75DA

■ 004FDA

■ 5183DA

■ 6691DA

■ 7C9EDA

■ 92ACDA

■ A8BADA

■ BEC8DA

■ D3D6DA

■ E9E4DA

Harmonies

Analogous

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



007ADE



2567DA



9A49B9

Triad

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



2567DA



BC4712



008454

Complementary

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



2567DA



DA9825

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.



007F14



2567DA



966200

Square

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



2567DA



CF274C



627500



008590

Rectangle

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



2567DA



BC3297



627500



008340

Sweetspot

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



2567DA



BFD6FF



25DA98



596780



000000



808080

Same Dimension

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



2567DA



005DFF



3D25DA



63676E



003FAD



00112E

Inverse Universe

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



DA2567



FF005D



C2DA25



6E6367



AD003F



2E0011

Previews

White Background



This preview shows how the Hex color 2567DA looks on a white background.

Color Contrast Check

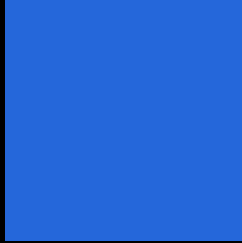
Large Text (above 18pt) WCAG AA ✓ Pass

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 2567DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

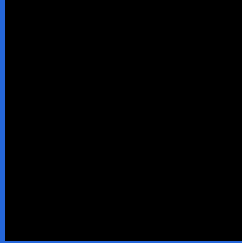
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

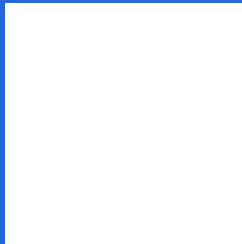
Any Text WCAG AAA × Fail

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

Hex 2567DA Background



This preview shows how black text looks on a background with the Hex color 2567DA.

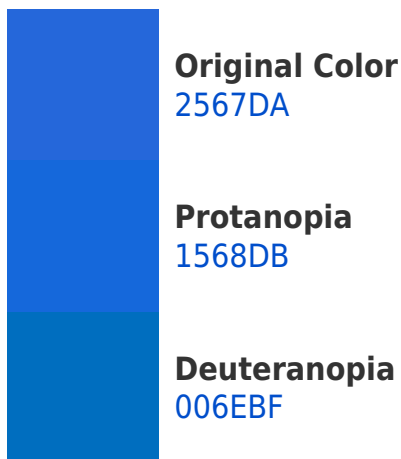


This preview shows how white text looks on a background with the Hex color 2567DA.

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
007880

Trichromacy



Original Color
2567DA

Protanomaly
1B68DB

Deuteranomaly
0D6BC9

Tritanomaly
0D72A1

Monochromacy



Original Color
2567DA

Achromatopsia
606060

Achromatomaly
4B638C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2567DA 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 #2567DA looks like.

```
.text, #text, p{  
    color:#2567DA  
}
```

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 #2567DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2567DA
}
```

Border

The CSS property to change the border of an element to Hex 2567DA 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
#2567DA }
```

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

```
.border{ border-color:#2567DA }
```

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

Here you see how a box with a 4 pixel #2567DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2567DA; -webkit-box-shadow:4px 4px  
4px 4px #2567DA; box-shadow:4px 4px 4px  
4px #2567DA }
```

Background

The CSS property to change the background color of an element to Hex 2567DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2567DA }
```

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

```
.background{ background-color:#2567DA }
```

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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