

Converting Colors

Hex(2459D6)

Have a look what the booklet for
Hex(2459D6) contains.

Hex(2459D6)	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(2459D6)

Conversions

Conversions Part 1

Format	Color
Hex	2459D6
RGB	36, 89, 214
RGB Percent	14%, 35%, 84%
CMY	0.8588, 0.6510, 0.1608
CMYK	0.83, 0.58, 0.00, 0.16
HSL	222°, 71%, 49%
HSV	222°, 83%, 84%
XYZ	16.4375, 12.3749, 65.1406
YIQ	87.4030, -71.7130, 27.6390

Conversions

Conversions Part 2

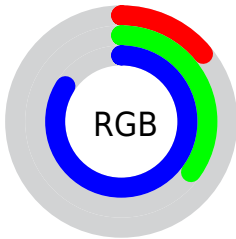
Format	Color
R_{YB}	36, 77, 214
Decimal	2382294
CIE _{Lab}	41.81, 29.41, -68.86
CIE _{LCh}	42, 74.875, 293.126
Yxy	12.3749, 0.1750, 0.1317
Android (android.graphics.Color)	4280572374 (0xFF2459D6)
YUV	87.4030, 62.4123, -45.0804
Hunter-Lab	35.1779, 21.8460, -85.1654

Details

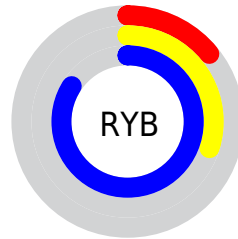
The Hex color **2459D6** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **D6A124**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **718AFF**, and **002D9E** is the 20% darker color. If you saturate the color by 10%, you get **0F4AD6**, and if you desaturate by 10%, it is **3968D6**.

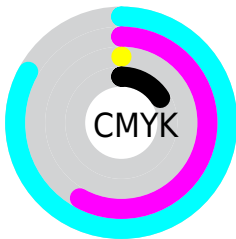
Distribution



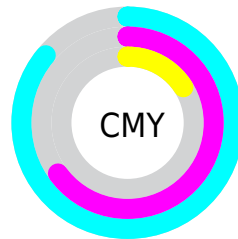
- Red (14%)
- Green (35%)
- Blue (84%)



- Red (14%)
- Yellow (30%)
- Blue (84%)



- Cyan (83%)
- Magenta (58%)
- Yellow (0%)
- Black (16%)



- Cyan (86%)
- Magenta (65%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2459D6 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 2459D6 by changing the saturation by 10% instead.

 2459D6

 2459D6

FFFFFF

 0042BA

 718AFF

 002D9E

 90A5FF

 001A83

 AFC0FF

 000269


 CEDBFF

 000A50

 EDF8FF

 000538

 000222

 000007

 000000

■ 2459D6

■ 2459D6

■ 0F4AD6

■ 3968D6

■ 0040D6

■ 4F77D6

■ 6486D6

■ 7A95D6

■ 8FA4D6

■ A4B3D6

■ BAC2D6

■ CFD1D6

■ E5E0D6

Harmonies

Analogous

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



006FDF



2459D6



9C32AE

Triad

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



2459D6



B03C00



007B52

Complementary

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



2459D6



D6A124

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.



007704



2459D6



855B00

Square

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



2459D6



C80037



4B6D00



007C92

Rectangle

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



2459D6



BC0088



4B6D00



007A3C

Sweetspot

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



2459D6



BFD2FF



24D6A1



596580



000000



808080

Same Dimension

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



2459D6



004CFF



4824D6



60646B



0033AB



000D2B

Inverse Universe

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



D62459



FF004C



B2D624



6B6064



AB0033



2B000D

Previews

White Background



This preview shows how the Hex color 2459D6 looks on a white background.

Color Contrast Check

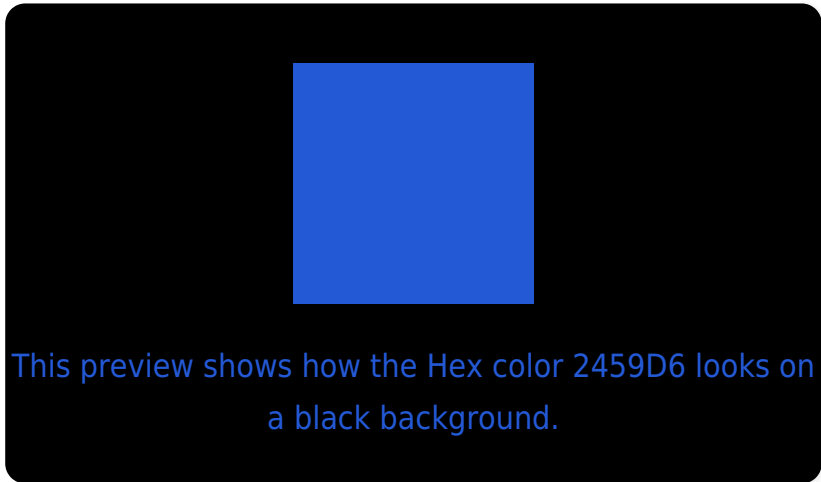
Large Text (above 18pt) WCAG AA ✓ Pass

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

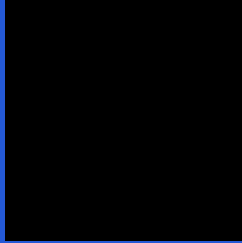
Any Text WCAG AA × Fail

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 2459D6 Background



This preview shows how black text looks on a background with the Hex color 2459D6.



This preview shows how white text looks on a background with the Hex color 2459D6.

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
2459D6

Protanopia
005EC8

Deuteranopia
0065AC



Tritanopia
006D74

Trichromacy



Original Color
2459D6

Protanomaly
0D5CCD

Deuteranomaly
0D61BB

Tritanomaly
0D6698

Monochromacy



Original Color
2459D6

Achromatopsia
575757

Achromatomaly
445885

CSS Examples

Text

The CSS property to change the color of the text to Hex 2459D6 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 #2459D6 looks like.

```
.text, #text, p{  
    color:#2459D6  
}
```

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 #2459D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2459D6
}
```

Border

The CSS property to change the border of an element to Hex 2459D6 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
#2459D6 }
```

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

```
.border{ border-color:#2459D6 }
```

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

Here you see how a box with a 4 pixel #2459D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2459D6; -webkit-box-shadow:4px 4px  
4px 4px #2459D6; box-shadow:4px 4px 4px  
4px #2459D6 }
```

Background

The CSS property to change the background color of an element to Hex 2459D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2459D6 }
```

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

```
.background{ background-color:#2459D6 }
```

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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