

Converting Colors

Hex(264DB4)

Have a look what the booklet for
Hex(264DB4) contains.

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Color

Hex(264DB4)

Conversions

Conversions Part 1

Format	Color
Hex	264DB4
RGB	38, 77, 180
RGB Percent	15%, 30%, 71%
CMY	0.8510, 0.6980, 0.2941
CMYK	0.79, 0.57, 0.00, 0.29
HSL	224°, 65%, 43%
HSV	224°, 79%, 71%
XYZ	11.6914, 9.0151, 44.3039
YIQ	77.0810, -56.3070, 23.7650

Conversions

Conversions Part 2

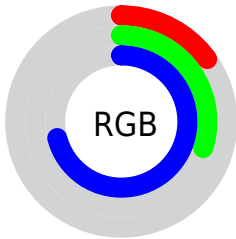
Format	Color
R_{YB}	38, 69, 180
Decimal	2510260
CIE _{Lab}	36.01, 24.47, -58.52
CIE _{LCh}	36, 63.434, 292.689
Yxy	9.0151, 0.1798, 0.1387
Android (android.graphics.Color)	4280700340 (0xFF264DB4)
YUV	77.0810, 50.7391, -34.2740
Hunter-Lab	30.0252, 16.9616, -66.4682

Details

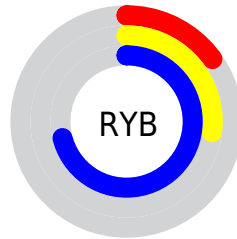
The Hex color **264DB4** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B48D26**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6A7DED**, and **00227E** is the 20% darker color. If you saturate the color by 10%, you get **1440B4**, and if you desaturate by 10%, it is **385AB4**.

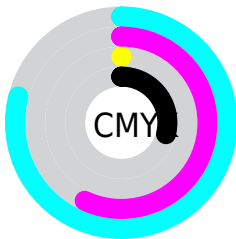
Distribution



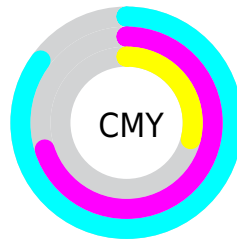
- Red (15%)
- Green (30%)
- Blue (71%)



- Red (15%)
- Yellow (27%)
- Blue (71%)



- Cyan (79%)
- Magenta (57%)
- Yellow (0%)
- Black (29%)



- Cyan (85%)
- Magenta (70%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 264DB4 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 264DB4 by changing the saturation by 10% instead.

 264DB4

 264DB4

FFFFFF

 003799

 6A7DED

 00227E

 8897FF

 001064

 A5B2FF

 00044C

 C3CDFF

 000434

 E1E9FF

 00021E

 000000

 264DB4

 264DB4

 1440B4

 385AB4

■ 0233B4

■ 4A67B4

■ 0031B4

■ 5C74B4

■ 6E81B4

■ 808EB4

■ 929BB4

■ A4A8B4

■ B6B5B4

■ C8C3B4

Harmonies

Analogous

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



005FBB



264DB4



842F93

Triad

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



264DB4



963500



006946

Complementary

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



264DB4



B48D26

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.



00650A



264DB4



734E00

Square

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



264DB4



AA0D31



435D00



006A7B

Rectangle

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



264DB4



9E1274



435D00



006834

Sweetspot

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



264DB4



B2C2EB



26B48C



535D75



F5F5F5



757575

Same Dimension

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



264DB4



0C49EB



4526B4



505359



002A99



00071A

Inverse Universe

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



B4264D



EB0C49



95B426



595053



99002A



1A0007

Previews

White Background



This preview shows how the Hex color 264DB4 looks on a white background.

Color Contrast Check

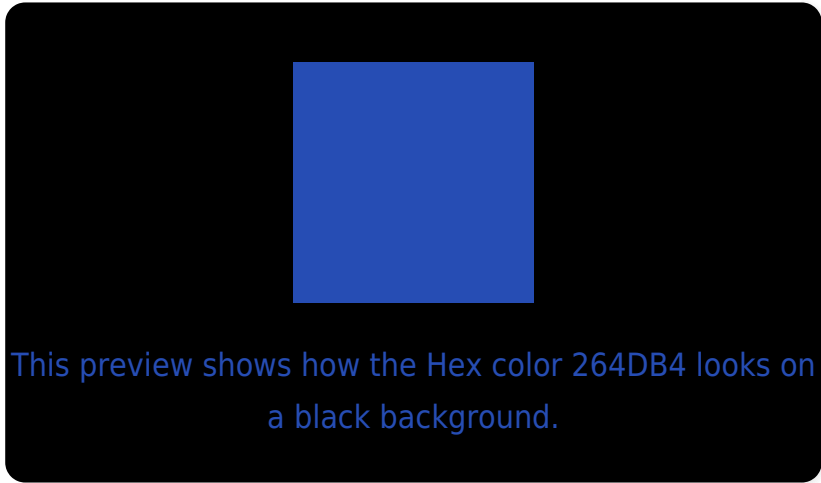
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 264DB4 Background



This preview shows how black text looks on a background with the Hex color 264DB4.

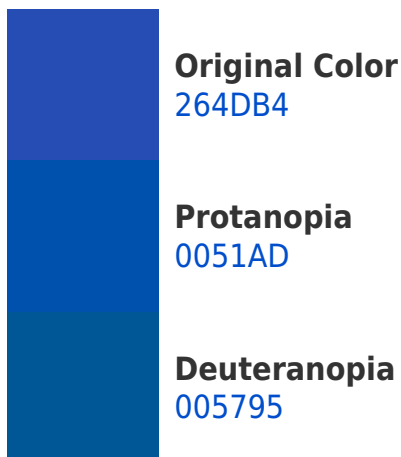


This preview shows how white text looks on a background with the Hex color 264DB4.

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
005E64

Trichromacy



Original Color
264DB4

Protanomaly
0E50B0

Deuteranomaly
0E53A0

Tritanomaly
0E5881

Monochromacy



Original Color
264DB4

Achromatopsia
4D4D4D

Achromatomaly
3F4D72

CSS Examples

Text

The CSS property to change the color of the text to Hex 264DB4 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 #264DB4 looks like.

```
.text, #text, p{  
    color:#264DB4  
}
```

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 #264DB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #264DB4
}
```

Border

The CSS property to change the border of an element to Hex 264DB4 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
#264DB4 }
```

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

```
.border{ border-color:#264DB4 }
```

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

Here you see how a box with a 4 pixel #264DB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #264DB4; -webkit-box-shadow:4px 4px  
4px 4px #264DB4; box-shadow:4px 4px 4px  
4px #264DB4 }
```

Background

The CSS property to change the background color of an element to Hex 264DB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#264DB4 }
```

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

```
.background{ background-color:#264DB4 }
```

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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