

Converting Colors

Hex(2264DD)

Have a look what the booklet for
Hex(2264DD) contains.

Hex(2264DD)	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>	28

Color

Hex(2264DD)

Conversions

Conversions Part 1

Format	Color
Hex	2264DD
RGB	34, 100, 221
RGB Percent	13%, 39%, 87%
CMY	0.8667, 0.6078, 0.1333
CMYK	0.85, 0.55, 0.00, 0.13
HSL	219°, 73%, 50%
HSV	219°, 85%, 87%
XYZ	18.2680, 14.6749, 70.2763
YIQ	94.0600, -78.1770, 23.6390

Conversions

Conversions Part 2

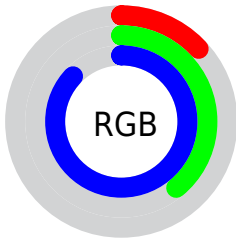
Format	Color
RYB	34, 83, 221
Decimal	2254045
CIELab	45.19, 24.82, -67.35
CIElCh	45, 71.776, 290.229
Yxy	14.6749, 0.1770, 0.1422
Android (android.graphics.Color)	4280444125 (0xFF2264DD)
YUV	94.0600, 62.5814, -52.6726
Hunter-Lab	38.3078, 18.0834, -81.9530

Details

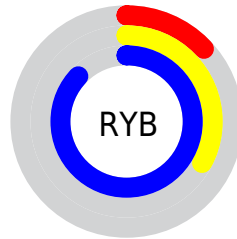
The Hex color **2264DD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DD9B22**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7196FF**, and **0037A5** is the 20% darker color. If you saturate the color by 10%, you get **0C56DD**, and if you desaturate by 10%, it is **3872DD**.

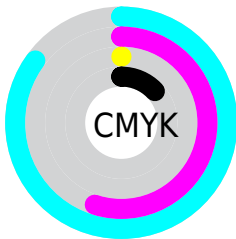
Distribution



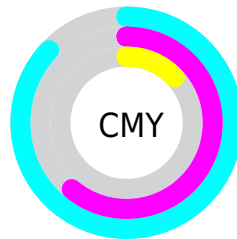
- Red (13%)
- Green (39%)
- Blue (87%)



- Red (13%)
- Yellow (33%)
- Blue (87%)



- Cyan (85%)
- Magenta (55%)
- Yellow (0%)
- Black (13%)



- Cyan (87%)
- Magenta (61%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2264DD 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 2264DD by changing the saturation by 10% instead.

 2264DD

 2264DD

FFFFFF

 004DC1

 7196FF

 0037A5

 91B1FF

 00238A

 B0CCFF

 001170

 CFE8FF

 000956

 EEEFFF

 00063E

 000327

 000111

 000000

■ 2264DD

■ 2264DD

■ 0C56DD

■ 3872DD

■ 004EDD

■ 4E81DD

■ 648FDD

■ 7A9DDD

■ 91ACDD

■ A7BADD

■ BDC8DD

■ D3D6DD

■ E9E5DD

Harmonies

Analogous

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



0078E2



2264DD



9D43B9

Triad

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



2264DD



BB4403



008355

Complementary

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



2264DD



DD9B22

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.



007E0E



2264DD



926100

Square

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



2264DD



D01B46



5C7400



008493

Rectangle

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



2264DD



BF2695



5C7400



00823F

Sweetspot

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



2264DD



BFD6FF



22DD98



596780



000000



808080

Same Dimension

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



2264DD



005AFF



3B22DD



63676E



003DAD



00102E

Inverse Universe

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



DD2264



FF005A



C4DD22



6E6367



AD003D



2E0010

Previews

White Background



This preview shows how the Hex color 2264DD looks on a white background.

Color Contrast Check

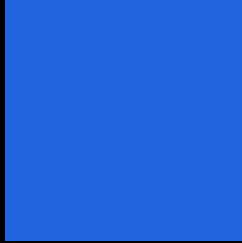
Large Text (above 18pt) WCAG AA ✓ Pass

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 2264DD 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

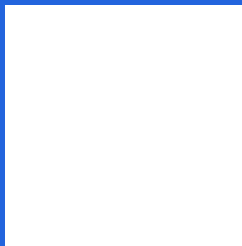
Any Text WCAG AAA × Fail

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

Hex 2264DD Background



This preview shows how black text looks on a background with the Hex color 2264DD.

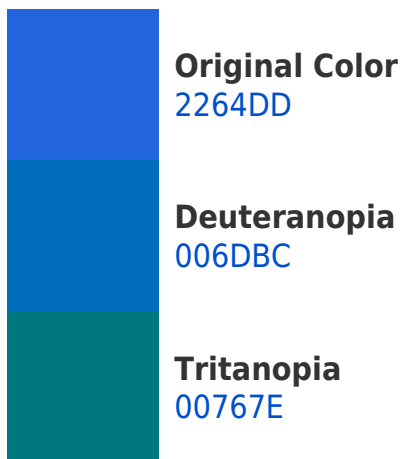


This preview shows how white text looks on a background with the Hex color 2264DD.

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



Trichromacy



Original Color
2264DD

Deuteranomaly
0C6AC8

Tritanomaly
0C6FA1

Monochromacy



Original Color
2264DD

Achromatopsia
5E5E5E

Achromatomaly
48608C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2264DD 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 #2264DD looks like.

```
.text, #text, p{  
    color:#2264DD  
}
```

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 #2264DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2264DD
}
```

Border

The CSS property to change the border of an element to Hex 2264DD 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
#2264DD }
```

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

```
.border{ border-color:#2264DD }
```

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

Here you see how a box with a 4 pixel #2264DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2264DD; -webkit-box-shadow:4px 4px  
4px 4px #2264DD; box-shadow:4px 4px 4px  
4px #2264DD }
```

Background

The CSS property to change the background color of an element to Hex 2264DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2264DD }
```

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

```
.background{ background-color:#2264DD }
```

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