

Converting Colors

Hex(2363DD)

Have a look what the booklet for
Hex(2363DD) contains.

Hex(2363DD)	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(2363DD)

Conversions

Conversions Part 1

Format	Color
Hex	2363DD
RGB	35, 99, 221
RGB Percent	14%, 39%, 87%
CMY	0.8627, 0.6118, 0.1333
CMYK	0.84, 0.55, 0.00, 0.13
HSL	219°, 73%, 50%
HSV	219°, 84%, 87%
XYZ	18.2061, 14.5015, 70.2461
YIQ	93.7720, -77.3060, 24.3740

Conversions

Conversions Part 2

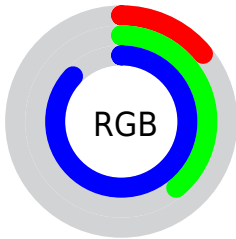
Format	Color
R_{YB}	35, 83, 221
Decimal	2319325
CIE _{Lab}	44.94, 25.54, -67.74
CIE _{LCh}	45, 72.394, 290.654
Yxy	14.5015, 0.1768, 0.1409
Android (android.graphics.Color)	4280509405 (0xFF2363DD)
YUV	93.7720, 62.7234, -51.5430
Hunter-Lab	38.0808, 18.6981, -82.7133

Details

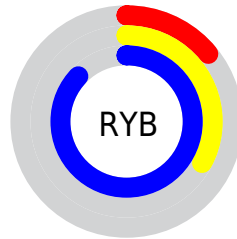
The Hex color **2363DD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DD9D23**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7295FF**, and **0036A5** is the 20% darker color. If you saturate the color by 10%, you get **0D55DD**, and if you desaturate by 10%, it is **3971DD**.

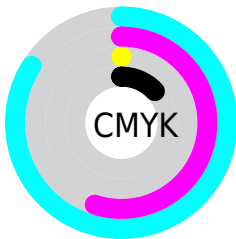
Distribution



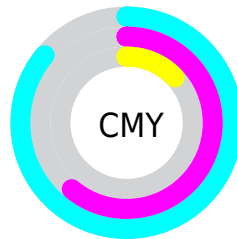
- Red (14%)
- Green (39%)
- Blue (87%)



- Red (14%)
- Yellow (33%)
- Blue (87%)



- Cyan (84%)
- Magenta (55%)
- Yellow (0%)
- Black (13%)



- Cyan (86%)
- Magenta (61%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2363DD 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 2363DD by changing the saturation by 10% instead.

 2363DD

 2363DD

FFFFFF

 004CC1

 7295FF

 0036A5

 91B0FF

 00228A

 B0CBFF

 001070

 CFE7FF

 000956

 EEEFFF

 00063E

 000327

 000111

 000000

■ 2363DD

■ 2363DD

■ 0D55DD

■ 3971DD

■ 004CDD

■ 4F80DD

■ 658EDD

■ 7B9DDD

■ 92ABDD

■ A8BADD

■ BEC8DD

■ D4D7DD

■ EAE5DD

Harmonies

Analogous

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



0078E3



2363DD



9E41B8

Triad

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



2363DD



BA4300



008255

Complementary

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



2363DD



DD9D23

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.



007E0D



2363DD



916100

Square

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



2363DD



D01844



5A7400



008494

Rectangle

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



2363DD



C02394



5A7400



00813F

Sweetspot

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



2363DD



BFD5FF



23DD9C



596680



000000



808080

Same Dimension

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



2363DD



0058FF



3F23DD



63666E



003CAD



00102E

Inverse Universe

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



DD2363



FF0058



C1DD23



6E6366



AD003C



2E0010

Previews

White Background



This preview shows how the Hex color 2363DD looks on a white background.

Color Contrast Check

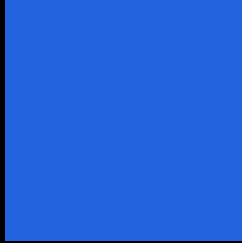
Large Text (above 18pt) WCAG AA ✓ Pass

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 2363DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

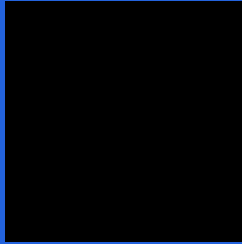
Any Text WCAG AA × Fail

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 2363DD Background



This preview shows how black text looks on a background with the Hex color 2363DD.



This preview shows how white text looks on a background with the Hex color 2363DD.

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
2363DD

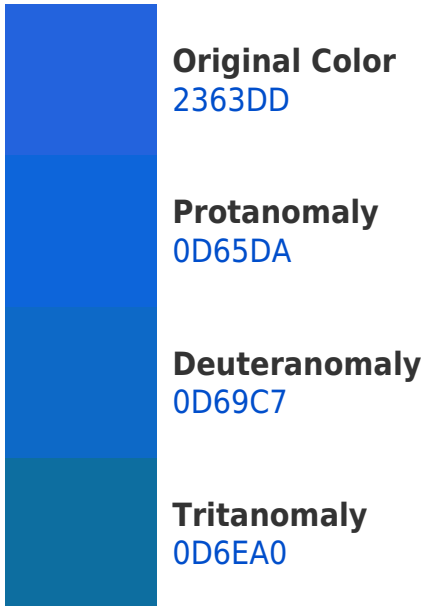
Protanopia
0066D8

Deuteranopia
006CBA

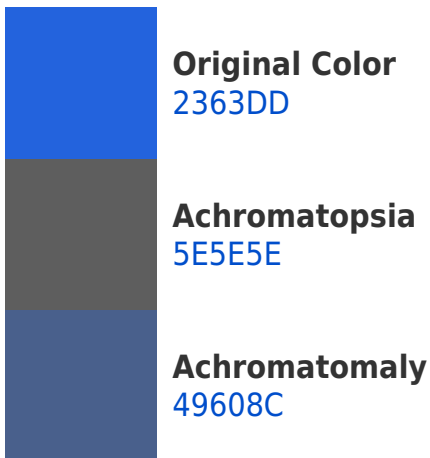


Tritanopia
00757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2363DD 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 #2363DD looks like.

```
.text, #text, p{  
    color:#2363DD  
}
```

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 #2363DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2363DD
}
```

Border

The CSS property to change the border of an element to Hex 2363DD 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
#2363DD }
```

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

```
.border{ border-color:#2363DD }
```

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

Here you see how a box with a 4 pixel #2363DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2363DD; -webkit-box-shadow:4px 4px  
4px 4px #2363DD; box-shadow:4px 4px 4px  
4px #2363DD }
```

Background

The CSS property to change the background color of an element to Hex 2363DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2363DD }
```

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

```
.background{ background-color:#2363DD }
```

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