

# Converting Colors

Hex(2532D5)

Have a look what the booklet for  
Hex(2532D5) contains.

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# Color

Hex(2532D5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2532D5
RGB	37, 50, 213
RGB Percent	15%, 20%, 84%
CMY	0.8549, 0.8039, 0.1647
CMYK	0.83, 0.77, 0.00, 0.16
HSL	236°, 70%, 49%
HSV	236°, 83%, 84%
XYZ	13.9138, 7.4786, 63.6610
YIQ	64.6950, -60.0710, 47.9370

# Conversions

## Conversions Part 2

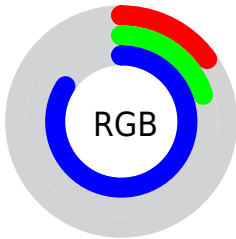
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 49, 213
Decimal	2437845
CIE <sub>Lab</sub>	32.87, 52.86, -82.97
CIE <sub>LCh</sub>	33, 98.381, 302.498
Yxy	7.4786, 0.1636, 0.0879
Android (android.graphics.Color)	4280627925 (0xFF2532D5)
YUV	64.6950, 73.1144, -24.2885
Hunter-Lab	27.3471, 42.9609, -118.8777




# Details

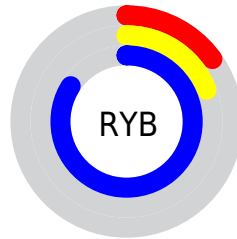
The Hex color **2532D5** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D5C825**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **7463FF**, and **00049D** is the 20% darker color. If you saturate the color by 10%, you get **101ED5**, and if you desaturate by 10%, it is **3A46D5**.

# Distribution







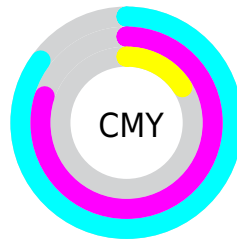
-  Red (15%)
-  Green (20%)
-  Blue (84%)






-  Red (15%)
-  Yellow (19%)
-  Blue (84%)



-  Cyan (83%)
-  Magenta (77%)
-  Yellow (0%)
-  Black (16%)



-  Cyan (85%)
-  Magenta (80%)
-  Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2532D5 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 2532D5 by changing the saturation by 10% instead.



 2532D5

 2532D5

FFFFFF

 001BB9

 7463FF

 00049D

 947CFF

 000082

 B497FF

 000067

 D3B2FF

 000A4E

 F2CEFF

 000536

 FFEAFF

 000220

 000004

 000000

■ 2532D5

■ 2532D5

■ 101ED5

■ 3A46D5

■ 0010D5

■ 5059D5

■ 656DD5

■ 7A81D5

■ 9095D5

■ A5A8D5

■ BABC D5

■ CFD0D5

■ E5E4D5

# Harmonies

## Analogous

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



005AEF



2532D5



A70097

# Triad

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



2532D5



952300



006652

# Complementary

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



2532D5



D5C825

# 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.



006400



2532D5



5A4E00

# Square

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



2532D5



BD0000



005E00



0068A1

# Rectangle

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



2532D5



C30065



005E00



006637



# Sweetspot

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



2532D5



BFC4FF



25D5C6



595C80



000000



808080



# Same Dimension

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



2532D5



0315FF



6E25D5



60616B



000DAB



00032B



# Inverse Universe

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



D52532



FF0315



8CD525



6B6061



AB000D

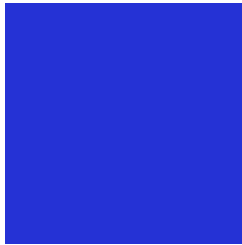


2B0003



# Previews

## White Background



This preview shows how the Hex color 2532D5 looks on a white background.

## Color Contrast Check

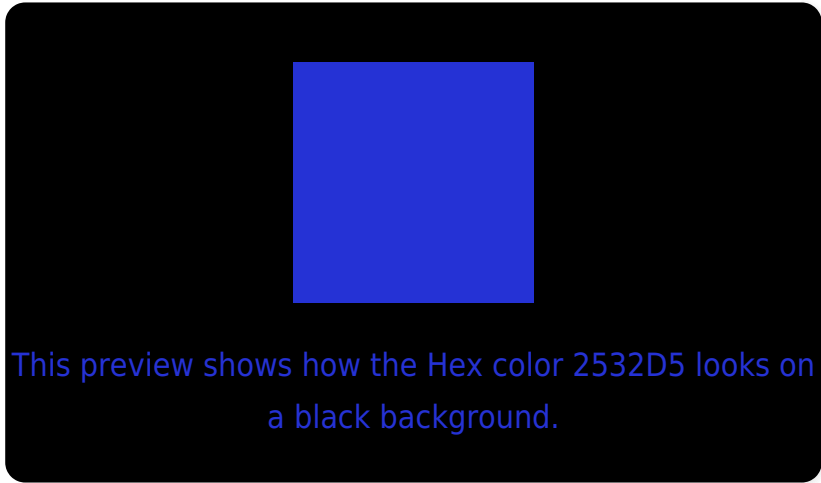
Large Text (above 18pt) WCAG AA ✓ Pass

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

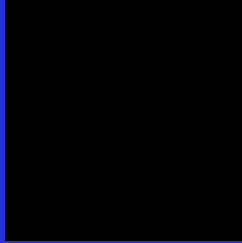
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2532D5 Background



This preview shows how black text looks on a background with the Hex color 2532D5.

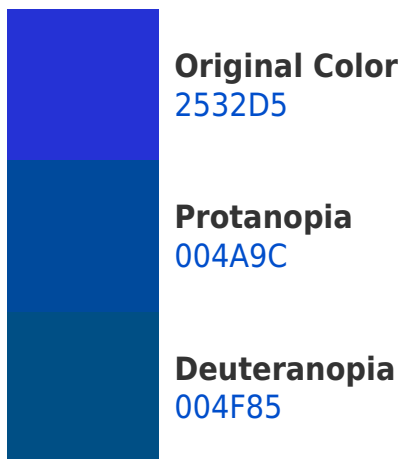


This preview shows how white text looks on a background with the Hex color 2532D5.

# 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**  
2532D5

**Protanomaly**  
0D41B1

**Deuteranomaly**  
0D44A2

**Tritanomaly**  
0D4887

# Monochromacy



**Original Color**  
2532D5

**Achromatopsia**  
414141

**Achromatomaly**  
373C77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2532D5 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 #2532D5 looks like.

```
.text, #text, p{  
    color:#2532D5  
}
```

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 #2532D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2532D5
}
```

## Border

The CSS property to change the border of an element to Hex 2532D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

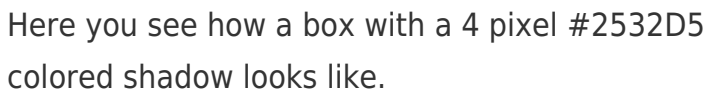
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2532D5 }
```

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

```
.border{ border-color:#2532D5 }
```

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



Here you see how a box with a 4 pixel #2532D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2532D5; -webkit-box-shadow:4px 4px  
4px 4px #2532D5; box-shadow:4px 4px 4px  
4px #2532D5 }
```

# Background

The CSS property to change the background color of an element to Hex 2532D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2532D5 }
```

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

```
.background{ background-color:#2532D5 }
```

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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