

Converting Colors

Hex(2256D9)

Have a look what the booklet for
Hex(2256D9) contains.

Hex(2256D9)	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(2256D9)

Conversions

Conversions Part 1

Format	Color
Hex	2256D9
RGB	34, 86, 217
RGB Percent	13%, 34%, 85%
CMY	0.8667, 0.6627, 0.1490
CMYK	0.84, 0.60, 0.00, 0.15
HSL	223°, 73%, 49%
HSV	223°, 84%, 85%
XYZ	16.5119, 12.0054, 67.0926
YIQ	85.3860, -73.0430, 29.7170

Conversions

Conversions Part 2

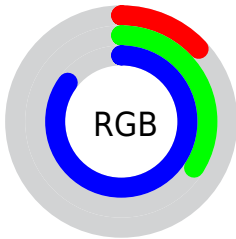
Format	Color
R_{YB}	34, 74, 217
Decimal	2250457
CIE _{Lab}	41.22, 32.33, -71.53
CIE _{LCh}	41, 78.495, 294.324
Yxy	12.0054, 0.1727, 0.1256
Android (android.graphics.Color)	4280440537 (0xFF2256D9)
YUV	85.3860, 64.8857, -45.0655
Hunter-Lab	34.6488, 24.4285, -90.5527

Details

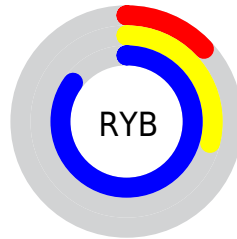
The Hex color **2256D9** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **D9A522**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7187FF**, and **002AA1** is the 20% darker color. If you saturate the color by 10%, you get **0C46D9**, and if you desaturate by 10%, it is **3866D9**.

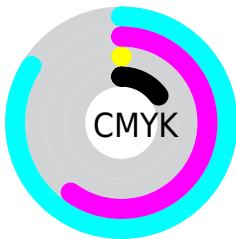
Distribution



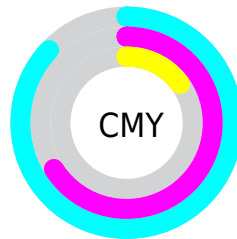
- Red (13%)
- Green (34%)
- Blue (85%)



- Red (13%)
- Yellow (29%)
- Blue (85%)



- Cyan (84%)
- Magenta (60%)
- Yellow (0%)
- Black (15%)



- Cyan (87%)
- Magenta (66%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2256D9 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 2256D9 by changing the saturation by 10% instead.

■ 2256D9

■ 2256D9

FFFFFF

■ 003FBD

■ 7187FF

■ 002AA1

■ 91A1FF

■ 001886

■ B0BCFF

■ 00006C

■ CFD8FF

■ 000B52

■ EE4FF

■ 00063A

■ 000224

■ 00000B

■ 000000

■ 2256D9

■ 2256D9

■ 0C46D9

■ 3866D9

■ 003ED9

■ 4D75D9

■ 6385D9

■ 7994D9

■ 8FA4D9

■ A4B3D9

■ BAC3D9

■ D0D2D9

■ E5E2D9

Harmonies

Analogous

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



006EE4



2256D9



9F29AE

Triad

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



2256D9



AF3900



007A53

Complementary

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



2256D9



D9A522

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.



007600



2256D9



815B00

Square

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



2256D9



CA0031



446D00



007B95

Rectangle

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



2256D9



BF0086



446D00



00793C

Sweetspot

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



2256D9



BFD1FF



22D9A2



596480



000000



808080

Same Dimension

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



2256D9



0048FF



4722D9



63666E



0031AD



000D2E

Inverse Universe

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



D92256



FF0048



B4D922



6E6366



AD0031



2E000D

Previews

White Background



This preview shows how the Hex color 2256D9 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 2256D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

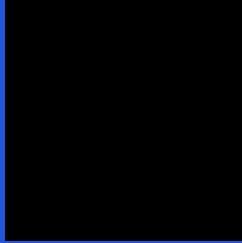
Any Text WCAG AA × Fail

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 2256D9 Background



This preview shows how black text looks on a background with the Hex color 2256D9.

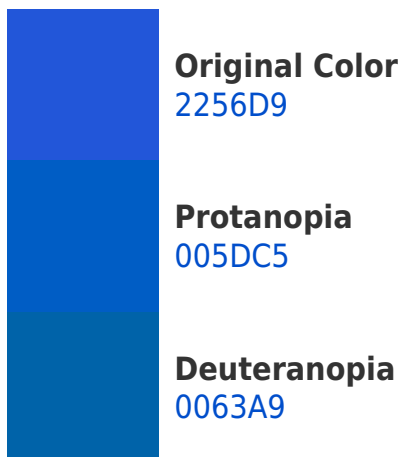


This preview shows how white text looks on a background with the Hex color 2256D9.

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
006B72

Trichromacy



Original Color
2256D9

Protanomaly
0C5ACC

Deuteranomaly
0C5EBA

Tritanomaly
0C6397

Monochromacy



Original Color
2256D9

Achromatopsia
555555

Achromatomaly
425585

CSS Examples

Text

The CSS property to change the color of the text to Hex 2256D9 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 #2256D9 looks like.

```
.text, #text, p{  
    color:#2256D9  
}
```

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 #2256D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2256D9
}
```

Border

The CSS property to change the border of an element to Hex 2256D9 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
#2256D9 }
```

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

```
.border{ border-color:#2256D9 }
```

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

Here you see how a box with a 4 pixel #2256D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2256D9; -webkit-box-shadow:4px 4px  
4px 4px #2256D9; box-shadow:4px 4px 4px  
4px #2256D9 }
```

Background

The CSS property to change the background color of an element to Hex 2256D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2256D9 }
```

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

```
.background{ background-color:#2256D9 }
```

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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