

Converting Colors

Hex(2234E7)

Have a look what the booklet for
Hex(2234E7) contains.

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Color

Hex(2234E7)

Conversions

Conversions Part 1

Format	Color
Hex	2234E7
RGB	34, 52, 231
RGB Percent	13%, 20%, 91%
CMY	0.8667, 0.7961, 0.0941
CMYK	0.85, 0.77, 0.00, 0.09
HSL	235°, 80%, 52%
HSV	235°, 85%, 91%
XYZ	16.3115, 8.5656, 76.3949
YIQ	67.0240, -68.1870, 51.8530

Conversions

Conversions Part 2

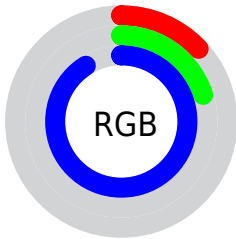
Format	Color
R_{YB}	34, 50, 231
Decimal	2241767
CIE _{Lab}	35.13, 57.45, -89.56
CIE _{LCh}	35, 106.400, 302.681
Yxy	8.5656, 0.1611, 0.0846
Android (android.graphics.Color)	4280431847 (0xFF2234E7)
YUV	67.0240, 80.8402, -28.9620
Hunter-Lab	29.2670, 48.2667, -134.2762

Details

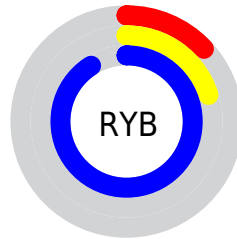
The Hex color **2234E7** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **E7D522**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7765FF**, and **0003AE** is the 20% darker color. If you saturate the color by 10%, you get **0B1FE7**, and if you desaturate by 10%, it is **3949E7**.

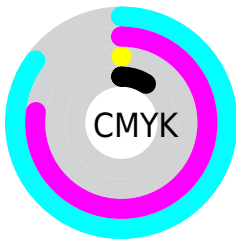
Distribution



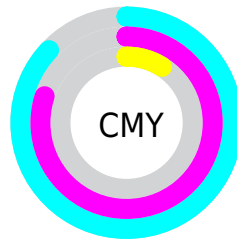
- Red (13%)
- Green (20%)
- Blue (91%)



- Red (13%)
- Yellow (20%)
- Blue (91%)



- Cyan (85%)
- Magenta (77%)
- Yellow (0%)
- Black (9%)



- Cyan (87%)
- Magenta (80%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2234E7 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 2234E7 by changing the saturation by 10% instead.

■ 2234E7

■ 2234E7

FFFFFF

■ 001CCA

■ 7765FF

■ 0003AE

■ 997FFF

■ 000092

■ B99AFF

■ 000077

■ D9B5FF

■ 000E5D

■ F9D1FF

■ 000845

■ FFEEFF

■ 00032D

■ 000118

■ 000000

■ 2234E7

■ 2234E7

■ 0B1FE7

■ 3949E7

■ 0015E7

■ 505EE7

■ 6773E7

■ 7E88E7

■ 959DE7

■ ADB2E7

■ C4C7E7

■ DBDCE7

■ F2F1E7

Harmonies

Analogous

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



0060FF



2234E7



B500A3

Triad

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



2234E7



A02300



006D59

Complementary

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



2234E7



E7D522

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.



006B00



2234E7



5F5300

Square

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



2234E7



CC0000



006500



0070AF

Rectangle

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



2234E7



D3006C



006500



006D3A

Sweetspot

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



2234E7



BDC3FF



22E7D3



585C80



000000



808080

Same Dimension

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



2234E7



0017FF



7122E7



676873



0010B3



000533

Inverse Universe

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



E72234



FF0017



98E722



736768



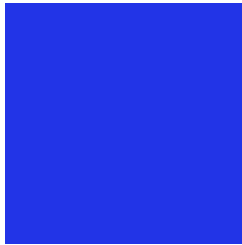
B30010



330005

Previews

White Background



This preview shows how the Hex color 2234E7 looks on a white background.

Color Contrast Check

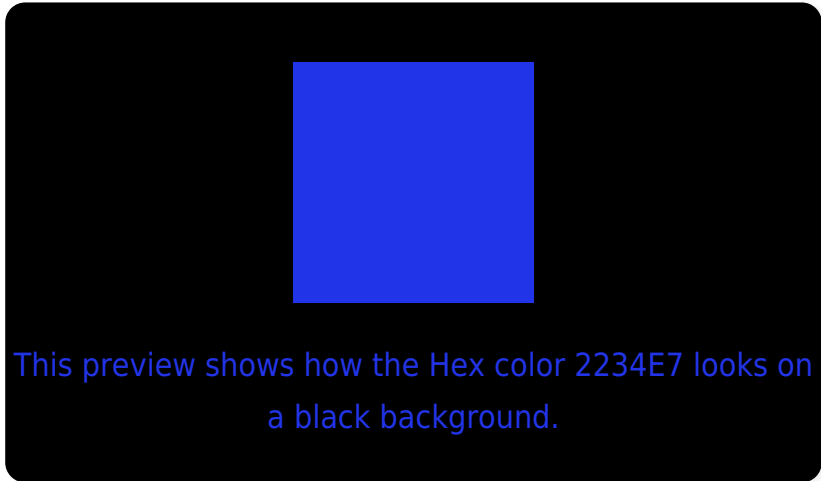
Large Text (above 18pt) WCAG AA ✓ Pass

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

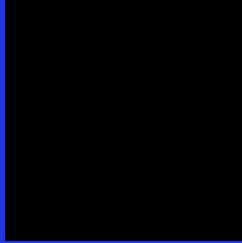
Any Text WCAG AA × Fail

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 2234E7 Background



This preview shows how black text looks on a background with the Hex color 2234E7.

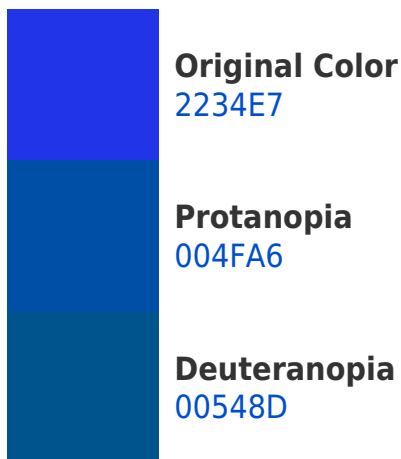


This preview shows how white text looks on a background with the Hex color 2234E7.

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
005B60

Trichromacy



Original Color
2234E7

Protanomaly
0C45BE

Deuteranomaly
0C48AE

Tritanomaly
0C4D91

Monochromacy



Original Color
2234E7

Achromatopsia
434343

Achromatomaly
373E7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2234E7 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 #2234E7 looks like.

```
.text, #text, p{  
    color:#2234E7  
}
```

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 #2234E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2234E7
}
```

Border

The CSS property to change the border of an element to Hex 2234E7 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
#2234E7 }
```

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

```
.border{ border-color:#2234E7 }
```

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

Here you see how a box with a 4 pixel #2234E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2234E7; -webkit-box-shadow:4px 4px  
4px 4px #2234E7; box-shadow:4px 4px 4px  
4px #2234E7 }
```

Background

The CSS property to change the background color of an element to Hex 2234E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2234E7 }
```

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

```
.background{ background-color:#2234E7 }
```

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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