

Converting Colors

Hex(2274E0)

Have a look what the booklet for
Hex(2274E0) contains.

Hex(2274E0)	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(2274E0)

Conversions

Conversions Part 1

Format	Color
Hex	2274E0
RGB	34, 116, 224
RGB Percent	13%, 45%, 88%
CMY	0.8667, 0.5451, 0.1216
CMYK	0.85, 0.48, 0.00, 0.12
HSL	214°, 75%, 51%
HSV	214°, 85%, 88%
XYZ	20.3596, 18.2127, 72.9633
YIQ	103.7940, -83.5400, 16.2040

Conversions

Conversions Part 2

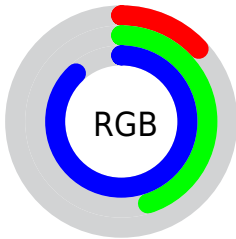
Format	Color
R_{YB}	34, 91, 224
Decimal	2258144
CIE _{Lab}	49.75, 15.75, -61.65
CIE _{LCh}	50, 63.629, 284.330
Yxy	18.2127, 0.1825, 0.1633
Android (android.graphics.Color)	4280448224 (0xFF2274E0)
YUV	103.7940, 59.2616, -61.2093
Hunter-Lab	42.6763, 10.4736, -71.4942

Details

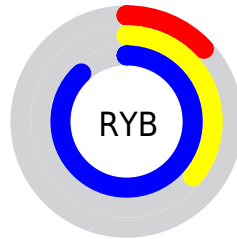
The Hex color **2274E0** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E08E22**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **71A7FF**, and **0045A8** is the 20% darker color. If you saturate the color by 10%, you get **0C67E0**, and if you desaturate by 10%, it is **3881E0**.

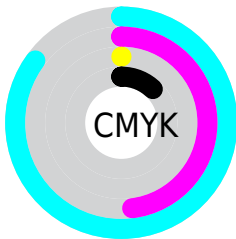
Distribution



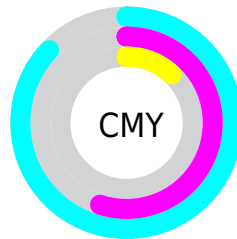
- Red (13%)
- Green (45%)
- Blue (88%)



- Red (13%)
- Yellow (36%)
- Blue (88%)



- Cyan (85%)
- Magenta (48%)
- Yellow (0%)
- Black (12%)



- Cyan (87%)
- Magenta (55%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2274E0 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 2274E0 by changing the saturation by 10% instead.

■ 2274E0

■ 2274E0

FFFFFF

■ 005CC4

■ 71A7FF

■ 0045A8

■ 91C2FF

■ 00308D

■ B0DEFF

■ 001D73

■ CFFAFF

■ 000259

■ EEEFFF

■ 000741

■ 00032A

■ 000114

■ 000000

■ 2274E0

■ 2274E0

■ 0C67E0

■ 3881E0

■ 0061E0

■ 4F8DE0

■ 659AE0

■ 7CA7E0

■ 92B4E0

■ A8C0E0

■ BFCDE0

■ D5DAE0

■ ECE7E0

Harmonies

Analogous

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



0085DF



2274E0



995BC4

Triad

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



2274E0



C8512C



008D57

Complementary

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



2274E0



E0E22

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.



35871F



2274E0



A66900

Square

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



2274E0



D63B5F



777C00



008F90

Rectangle

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



2274E0



BC49A6



777C00



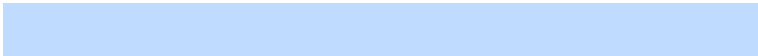
008B44

Sweetspot

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



2274E0



BFDBFF



22E08E



596A80



000000



808080

Same Dimension

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



2274E0



006EFF



2F22E0



656A70



004CB0



001530

Inverse Universe

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



E02274



FF006E



D3E022



70656A



B0004C



300015

Previews

White Background



This preview shows how the Hex color 2274E0 looks on a white background.

Color Contrast Check

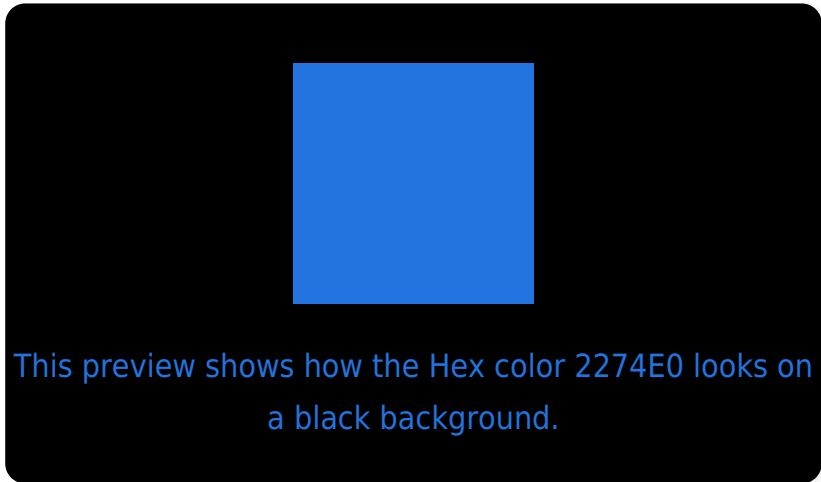
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

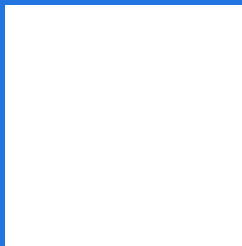
Any Text WCAG AAA × Fail

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

Hex 2274E0 Background



This preview shows how black text looks on a background with the Hex color 2274E0.



This preview shows how white text looks on a background with the Hex color 2274E0.

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](#).

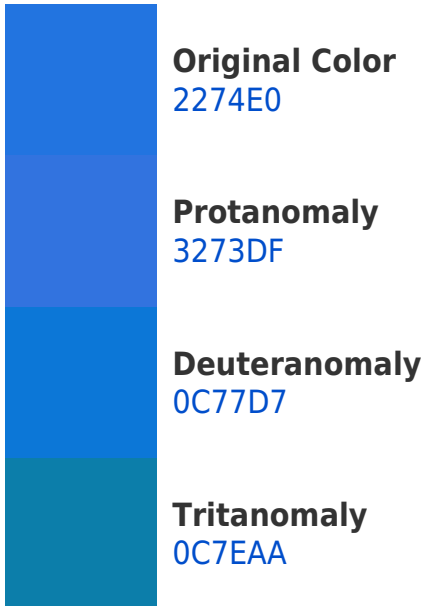
Dichromacy



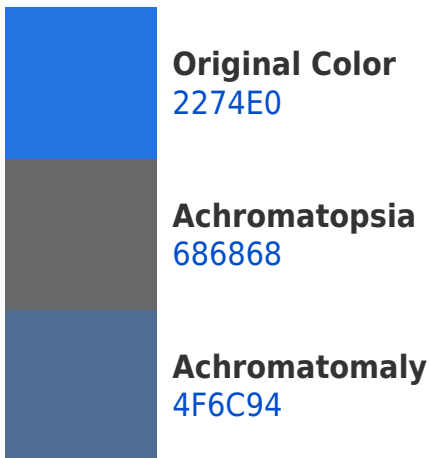


Tritanopia
00838B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2274E0 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 #2274E0 looks like.

```
.text, #text, p{  
    color:#2274E0  
}
```

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 #2274E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2274E0
}
```

Border

The CSS property to change the border of an element to Hex 2274E0 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
#2274E0 }
```

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

```
.border{ border-color:#2274E0 }
```

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

Here you see how a box with a 4 pixel #2274E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2274E0; -webkit-box-shadow:4px 4px  
4px 4px #2274E0; box-shadow:4px 4px 4px  
4px #2274E0 }
```

Background

The CSS property to change the background color of an element to Hex 2274E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2274E0 }
```

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

```
.background{ background-color:#2274E0 }
```

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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