

Converting Colors

Hex(174EA4)

Have a look what the booklet for
Hex(174EA4) contains.

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Color

Hex(174EA4)

Conversions

Conversions Part 1

Format	Color
Hex	174EA4
RGB	23, 78, 164
RGB Percent	9%, 31%, 64%
CMY	0.9098, 0.6941, 0.3569
CMYK	0.86, 0.52, 0.00, 0.36
HSL	217°, 75%, 37%
HSV	217°, 86%, 64%
XYZ	9.7786, 8.3113, 36.2108
YIQ	71.3590, -60.3860, 15.0860

Conversions

Conversions Part 2

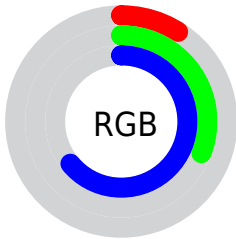
Format	Color
R_{YB}	23, 63, 164
Decimal	1527460
CIE _{Lab}	34.62, 16.09, -51.28
CIE _{LCh}	35, 53.748, 287.414
Yxy	8.3113, 0.1801, 0.1531
Android (android.graphics.Color)	4279717540 (0xFF174EA4)
YUV	71.3590, 45.6720, -42.4108
Hunter-Lab	28.8293, 10.0940, -54.2903

Details

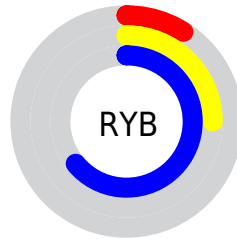
The Hex color **174EA4** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A46D17**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5E7EDC**, and **00236F** is the 20% darker color. If you saturate the color by 10%, you get **0744A4**, and if you desaturate by 10%, it is **2758A4**.

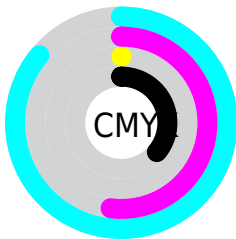
Distribution



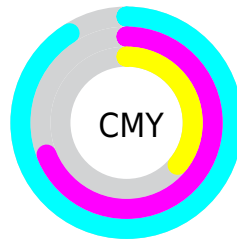
- Red (9%)
- Green (31%)
- Blue (64%)



- Red (9%)
- Yellow (25%)
- Blue (64%)



- Cyan (86%)
- Magenta (52%)
- Yellow (0%)
- Black (36%)



- Cyan (91%)
- Magenta (69%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 174EA4 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 174EA4 by changing the saturation by 10% instead.

■ 174EA4

■ 174EA4

FFFFFF

■ 003889

■ 5E7EDC

■ 00236F

■ 7C98F9

■ 000F56

■ 99B3FF

■ 00063E

■ B6CEFF

■ 000327

■ D4EAFF

■ 000111

■ F2FFFF

■ 000000

■ 174EA4

■ 174EA4

■ 0744A4

■ 2758A4

0040A4

3862A4

486CA4

5976A4

6980A4

798AA4

8A94A4

9A9EA4

ABA8A4

Harmonies

Analogous

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



005CA6



174EA4



71398C

Triad

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



174EA4



8E3511



00633D

Complementary

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



174EA4



A46D17

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.



0C5F0E



174EA4



724900

Square

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



174EA4



9B1F3B



4C5700



00646A

Rectangle

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



174EA4



8C2873



4C5700



00622E

Sweetspot

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



174EA4



9FB4D6



17A46C



4A576B



EBEBEB



6B6B6B

Same Dimension

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



174EA4



0054D6



2517A4



494D52



003991



000712

Inverse Universe

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



A4174E



D60054



96A417



52494D



910039



120007

Previews

White Background



This preview shows how the Hex color 174EA4 looks on a white background.

Color Contrast Check

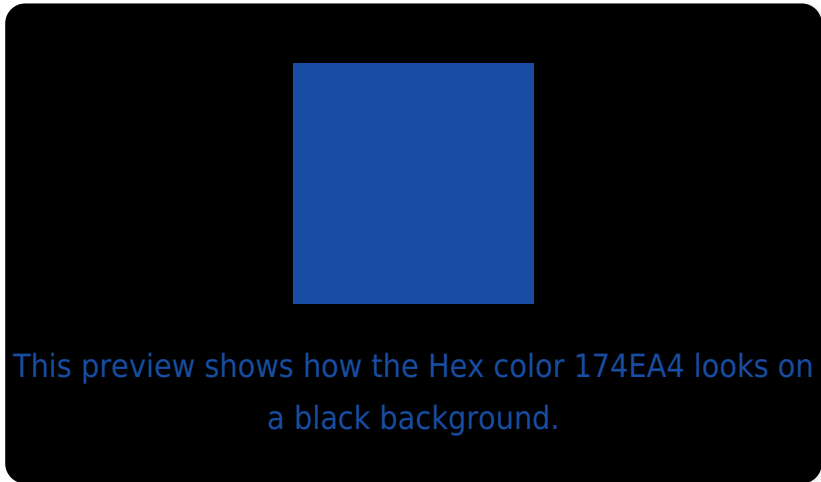
Large Text (above 18pt) WCAG AA ✓ Pass

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

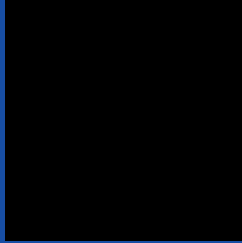
Any Text WCAG AA × Fail

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 174EA4 Background



This preview shows how black text looks on a background with the Hex color 174EA4.



This preview shows how white text looks on a background with the Hex color 174EA4.

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


174EA4

Protanopia

124EA4

Deuteranopia

005390



Tritanopia
005A60

Trichromacy



Original Color

174EA4

Protanomaly

144EA4

Deuteranomaly

085197

Tritanomaly

085679

Monochromacy



Original Color

174EA4

Achromatopsia

474747

Achromatomaly

364A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 174EA4 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 #174EA4 looks like.

```
.text, #text, p{  
    color:#174EA4  
}
```

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 #174EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #174EA4
}
```

Border

The CSS property to change the border of an element to Hex 174EA4 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
#174EA4 }
```

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

```
.border{ border-color:#174EA4 }
```

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

Here you see how a box with a 4 pixel #174EA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #174EA4; -webkit-box-shadow:4px 4px  
4px 4px #174EA4; box-shadow:4px 4px 4px  
4px #174EA4 }
```

Background

The CSS property to change the background color of an element to Hex 174EA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#174EA4 }
```

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

```
.background{ background-color:#174EA4 }
```

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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