

Converting Colors

Hex(154EA0)

Have a look what the booklet for
Hex(154EA0) contains.

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Color

Hex(154EA0)

Conversions

Conversions Part 1

Format	Color
Hex	154EA0
RGB	21, 78, 160
RGB Percent	8%, 31%, 63%
CMY	0.9176, 0.6941, 0.3725
CMYK	0.87, 0.51, 0.00, 0.37
HSL	215°, 77%, 35%
HSV	215°, 87%, 63%
XYZ	9.3788, 8.1463, 34.3358
YIQ	70.3050, -60.2940, 13.4180

Conversions

Conversions Part 2

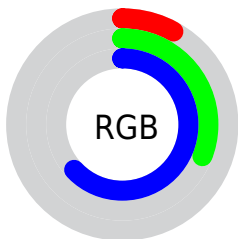
Format	Color
R_{YB}	21, 61, 160
Decimal	1396384
CIE _{Lab}	34.29, 14.30, -49.43
CIE _{LCh}	34, 51.459, 286.136
Yxy	8.1463, 0.1808, 0.1571
Android (android.graphics.Color)	4279586464 (0xFF154EA0)
YUV	70.3050, 44.2196, -43.2405
Hunter-Lab	28.5417, 8.7073, -51.3470

Details

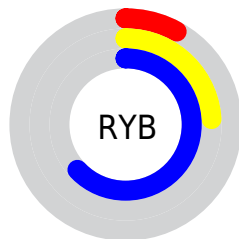
The Hex color **154EA0** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A06715**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5C7ED7**, and **00236C** is the 20% darker color. If you saturate the color by 10%, you get **0545A0**, and if you desaturate by 10%, it is **2557A0**.

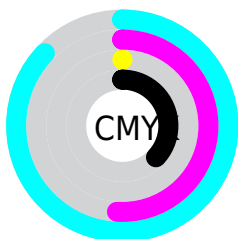
Distribution



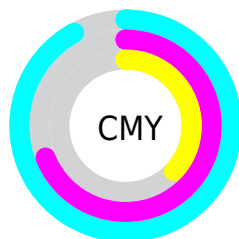
- Red (8%)
- Green (31%)
- Blue (63%)



- Red (8%)
- Yellow (24%)
- Blue (63%)



- Cyan (87%)
- Magenta (51%)
- Yellow (0%)
- Black (37%)



- Cyan (92%)
- Magenta (69%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 154EA0 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 154EA0 by changing the saturation by 10% instead.

■ 154EA0

■ 154EA0

FFFFFF

■ 003885

■ 5C7ED7

■ 00236C

■ 7A98F4

■ 000E53

■ 97B3FF

■ 00063B

■ B4CEFF

■ 000224

■ D1EAFF

■ 00000C

■ EFFFFFF

■ 000000

■ 154EA0

■ 154EA0

■ 0545A0

■ 2557A0

■ 0042A0

■ 3561A0

■ 456AA0

■ 5574A0

■ 657DA0

■ 7587A0

■ 8590A0

■ 959AA0

■ A5A3A0

Harmonies

Analogous

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



005BA1



154EA0



6D3A8A

Triad

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



154EA0



8C3515



00623C

Complementary

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



154EA0



A06715

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.



175E0F



154EA0



724800

Square

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



154EA0



98223D



4E5600



006366

Rectangle

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



154EA0



872B73



4E5600



00612D

Sweetspot

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



154EA0



9BB1D1



15A066



485569



E8E8E8



696969

Same Dimension

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



154EA0



0056D1



2115A0



474A4F



003B8F



00060F

Inverse Universe

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



A0154E



D10056



94A015



4F474A



8F003B



0F0006

Previews

White Background



This preview shows how the Hex color 154EA0 looks on a white background.

Color Contrast Check

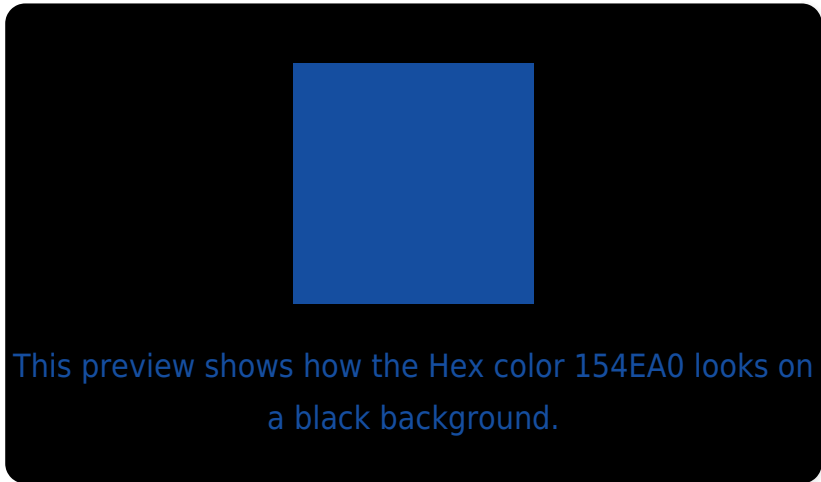
Large Text (above 18pt) WCAG AA ✓ Pass

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

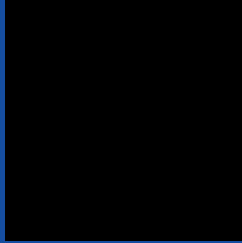
Any Text WCAG AA × Fail

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 154EA0 Background



This preview shows how black text looks on a background with the Hex color 154EA0.



This preview shows how white text looks on a background with the Hex color 154EA0.

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
00595F

Trichromacy



Original Color
154EA0

Protanomaly
194EA0

Deuteranomaly
085195

Tritanomaly
085577

Monochromacy



Original Color
154EA0

Achromatopsia
464646

Achromatomaly
344967

CSS Examples

Text

The CSS property to change the color of the text to Hex 154EA0 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 #154EA0 looks like.

```
.text, #text, p{  
    color:#154EA0  
}
```

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 #154EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #154EA0
}
```

Border

The CSS property to change the border of an element to Hex 154EA0 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".

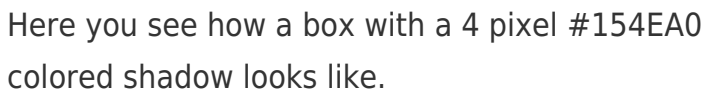
```
.border, #border, table{ border:4px solid
#154EA0 }
```

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

```
.border{ border-color:#154EA0 }
```

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

Here you see how a box with a 4 pixel #154EA0 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #154EA0; -webkit-box-shadow:4px 4px  
4px 4px #154EA0; box-shadow:4px 4px 4px  
4px #154EA0 }
```

Background

The CSS property to change the background color of an element to Hex 154EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#154EA0 }
```

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

```
.background{ background-color:#154EA0 }
```

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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