

Converting Colors

Hex(194EA5)

Have a look what the booklet for
Hex(194EA5) contains.

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Color

Hex(194EA5)

Conversions

Conversions Part 1

Format	Color
Hex	194EA5
RGB	25, 78, 165
RGB Percent	10%, 31%, 65%
CMY	0.9020, 0.6941, 0.3529
CMYK	0.85, 0.53, 0.00, 0.35
HSL	217°, 74%, 37%
HSV	217°, 85%, 65%
XYZ	9.9168, 8.3721, 36.6906
YIQ	72.0710, -59.5150, 15.8210

Conversions

Conversions Part 2

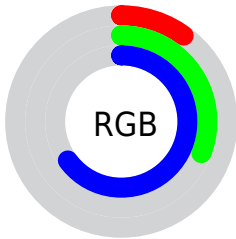
Format	Color
R_{YB}	25, 63, 165
Decimal	1658533
CIE _{Lab}	34.75, 16.65, -51.68
CIE _{LCh}	35, 54.299, 287.861
Yxy	8.3721, 0.1804, 0.1523
Android (android.graphics.Color)	4279848613 (0xFF194EA5)
YUV	72.0710, 45.8140, -41.2813
Hunter-Lab	28.9345, 10.5425, -54.9289

Details

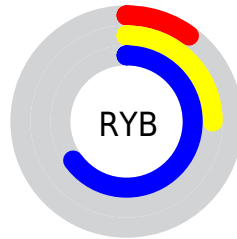
The Hex color **194EA5** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **A57019**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5F7EDD**, and **002370** is the 20% darker color. If you saturate the color by 10%, you get **0844A5**, and if you desaturate by 10%, it is **2A58A5**.

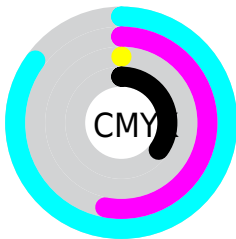
Distribution



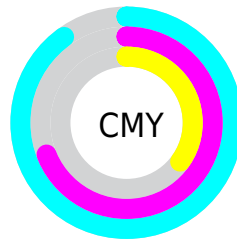
- Red (10%)
- Green (31%)
- Blue (65%)



- Red (10%)
- Yellow (25%)
- Blue (65%)



- Cyan (85%)
- Magenta (53%)
- Yellow (0%)
- Black (35%)



- Cyan (90%)
- Magenta (69%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 194EA5 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 194EA5 by changing the saturation by 10% instead.

■ 194EA5

■ 194EA5

FFFFFF

■ 00388A

■ 5F7EDD

■ 002370

■ 7D98FA

■ 000F57

■ 9AB3FF

■ 00063F

■ B7CEFF

■ 000328

■ D5EAFF

■ 000112

■ F3FFFF

■ 000000

■ 194EA5

■ 194EA5

■ 0844A5

■ 2A58A5

■ 003EA5

■ 3A63A5

■ 4A6DA5

■ 5B77A5

■ 6C81A5

■ 7C8CA5

■ 8C96A5

■ 9DA0A5

■ ADAAA5

Harmonies

Analogous

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



005CA7



194EA5



73388C

Triad

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



194EA5



8F3510



00633E

Complementary

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



194EA5



A57019

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.



08600E



194EA5



724900

Square

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



194EA5



9C1F3A



4C5800



00656B

Rectangle

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



194EA5



8D2773



4C5800



00632F

Sweetspot

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



194EA5



A1B5D6



19A56F



4B576B



EBEBEB



6B6B6B

Same Dimension

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



194EA5



0051D6



2919A5



494D52



003791



000712

Inverse Universe

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



A5194E



D60051



95A519



52494D



910037



120007

Previews

White Background



This preview shows how the Hex color 194EA5 looks on a white background.

Color Contrast Check

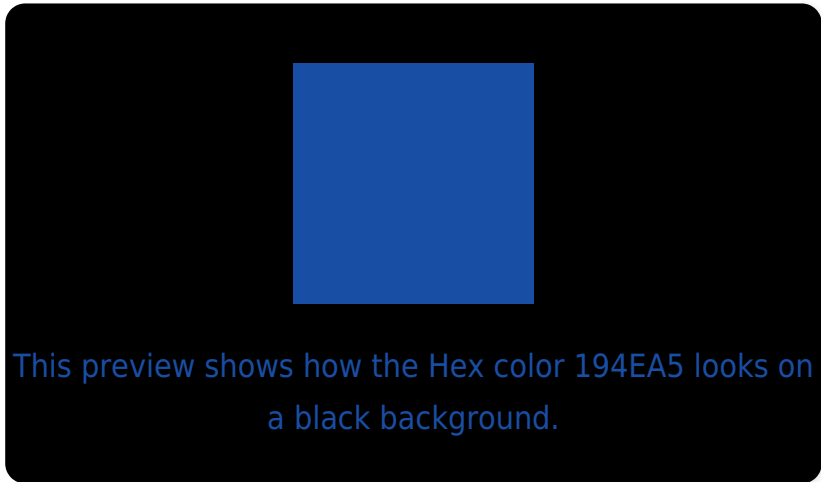
Large Text (above 18pt) WCAG AA ✓ Pass

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

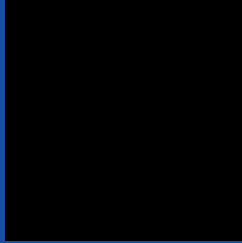
Any Text WCAG AA × Fail

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 194EA5 Background



This preview shows how black text looks on a background with the Hex color 194EA5.



This preview shows how white text looks on a background with the Hex color 194EA5.

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
194EA5

Protanopia
104EA6

Deuteranopia
005390



Tritanopia
005B60

Trichromacy



Original Color
194EA5

Protanomaly
134EA6

Deuteranomaly
095198

Tritanomaly
095679

Monochromacy



Original Color
194EA5

Achromatopsia
484848

Achromatomaly
374A6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 194EA5 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 #194EA5 looks like.

```
.text, #text, p{  
    color:#194EA5  
}
```

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 #194EA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194EA5
}
```

Border

The CSS property to change the border of an element to Hex 194EA5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

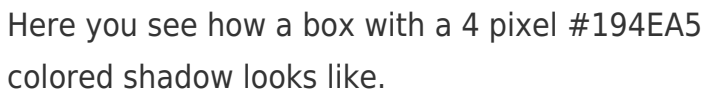
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#194EA5 }
```

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

```
.border{ border-color:#194EA5 }
```

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



Here you see how a box with a 4 pixel #194EA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194EA5; -webkit-box-shadow:4px 4px  
4px 4px #194EA5; box-shadow:4px 4px 4px  
4px #194EA5 }
```

Background

The CSS property to change the background color of an element to Hex 194EA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194EA5 }
```

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

```
.background{ background-color:#194EA5 }
```

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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