

Converting Colors

Hex(144DA4)

Have a look what the booklet for
Hex(144DA4) contains.

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Color

Hex(144DA4)

Conversions

Conversions Part 1

Format	Color
Hex	144DA4
RGB	20, 77, 164
RGB Percent	8%, 30%, 64%
CMY	0.9216, 0.6980, 0.3569
CMYK	0.88, 0.53, 0.00, 0.36
HSL	216°, 78%, 36%
HSV	216°, 88%, 64%
XYZ	9.6432, 8.1368, 36.1843
YIQ	69.8750, -61.8990, 14.9730

Conversions

Conversions Part 2

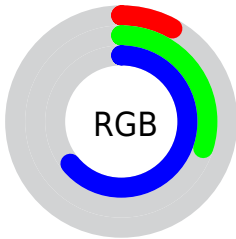
Format	Color
R_{YB}	20, 61, 164
Decimal	1330596
CIE _{Lab}	34.27, 16.54, -51.87
CIE _{LCh}	34, 54.438, 287.684
Yxy	8.1368, 0.1787, 0.1508
Android (android.graphics.Color)	4279520676 (0xFF144DA4)
YUV	69.8750, 46.4036, -43.7404
Hunter-Lab	28.5251, 10.4249, -55.2422

Details

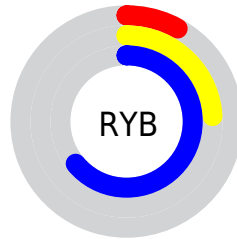
The Hex color **144DA4** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A46B14**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5D7DDC**, and **00226F** is the 20% darker color. If you saturate the color by 10%, you get **0443A4**, and if you desaturate by 10%, it is **2457A4**.

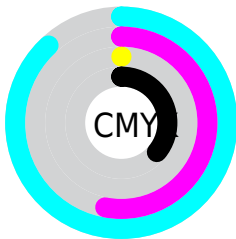
Distribution



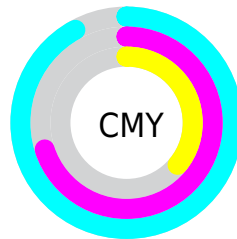
- Red (8%)
- Green (30%)
- Blue (64%)



- Red (8%)
- Yellow (24%)
- Blue (64%)



- Cyan (88%)
- Magenta (53%)
- Yellow (0%)
- Black (36%)



- Cyan (92%)
- Magenta (70%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 144DA4 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 144DA4 by changing the saturation by 10% instead.

■ 144DA4

■ 144DA4

FFFFFF

■ 003789

■ 5D7DDC

■ 00226F

■ 7B97F9

■ 000E56

■ 98B2FF

■ 00063E

■ B5CDFF

■ 000327

■ D3E9FF

■ 000111

■ F1FFFF

■ 000000

■ 144DA4

■ 144DA4

■ 0443A4

■ 2457A4

■ 0041A4

■ 3561A4

■ 456BA4

■ 5675A4

■ 667FA4

■ 7688A4

■ 8792A4

■ 979CA4

■ A8A6A4

Harmonies

Analogous

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



005BA6



144DA4



71378C

Triad

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



144DA4



8E330F



00623D

Complementary

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



144DA4



A46B14

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.



065E0C



144DA4



714800

Square

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



144DA4



9B1C39



4B5600



00636A

Rectangle

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



144DA4



8B2672



4B5600



00612D

Sweetspot

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



144DA4



9FB5D6



14A46A



4A576B



EBEBEB



6B6B6B

Same Dimension

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



144DA4



0055D6



2214A4



494D52



003A91



000712

Inverse Universe

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



A4144D



D60055



96A414



52494D



91003A



120007

Previews

White Background



This preview shows how the Hex color 144DA4 looks on a white background.

Color Contrast Check

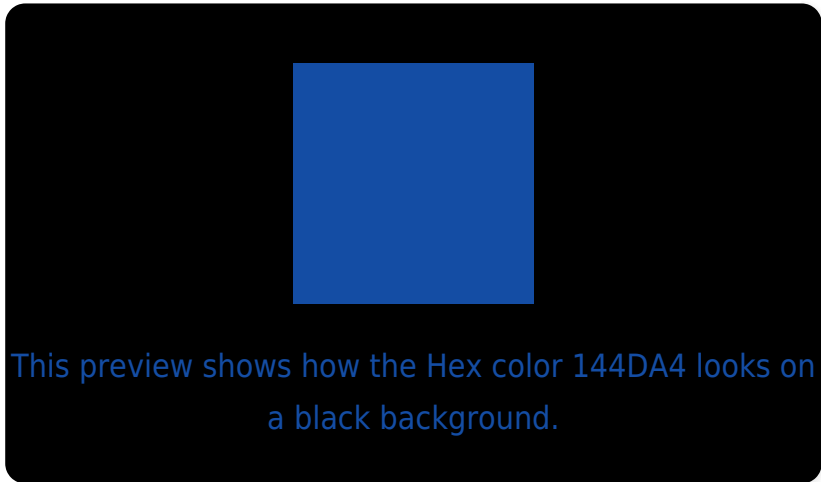
Large Text (above 18pt) WCAG AA ✓ Pass

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

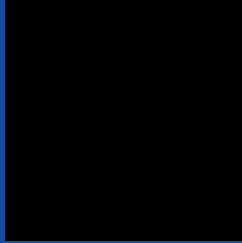
Any Text WCAG AA × Fail

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 144DA4 Background



This preview shows how black text looks on a background with the Hex color 144DA4.



This preview shows how white text looks on a background with the Hex color 144DA4.

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

144DA4

Protanopia

084DA4

Deuteranopia

00528E



Tritanopia
00595F

Trichromacy



Original Color

144DA4

Protanomaly

0C4DA4

Deuteranomaly

075096

Tritanomaly

075578

Monochromacy



Original Color

144DA4

Achromatopsia

464646

Achromatomaly

344968

CSS Examples

Text

The CSS property to change the color of the text to Hex 144DA4 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 #144DA4 looks like.

```
.text, #text, p{  
    color:#144DA4  
}
```

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 #144DA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #144DA4
}
```

Border

The CSS property to change the border of an element to Hex 144DA4 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
#144DA4 }
```

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

```
.border{ border-color:#144DA4 }
```

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

Here you see how a box with a 4 pixel #144DA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #144DA4; -webkit-box-shadow:4px 4px  
4px 4px #144DA4; box-shadow:4px 4px 4px  
4px #144DA4 }
```

Background

The CSS property to change the background color of an element to Hex 144DA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#144DA4 }
```

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

```
.background{ background-color:#144DA4 }
```

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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