

Converting Colors

Hex(0153A9)

Have a look what the booklet for
Hex(0153A9) contains.

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Color

Hex(0153A9)

Conversions

Conversions Part 1	
Format	Color
Hex	0153A9
RGB	1, 83, 169
RGB Percent	0%, 33%, 66%
CMY	0.9961, 0.6745, 0.3373
CMYK	0.99, 0.51, 0.00, 0.34
HSL	211°, 99%, 33%
HSV	211°, 99%, 66%
XYZ	10.2672, 9.0575, 38.7433
YIQ	68.2860, -76.4780, 9.3620

Conversions

Conversions Part 2

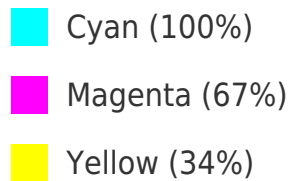
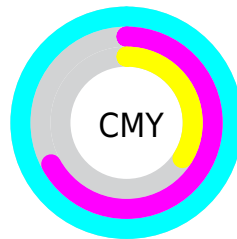
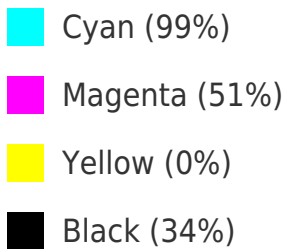
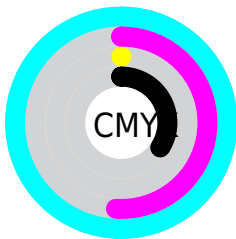
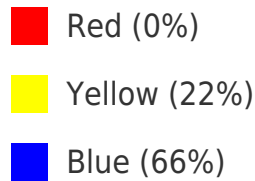
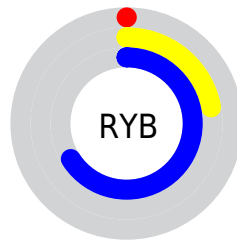
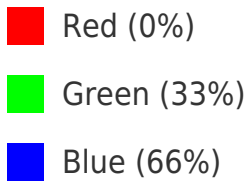
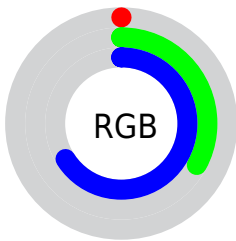
Format	Color
RYB	1, 56, 169
Decimal	86953
CIELab	36.09, 13.58, -51.90
CIELCh	36, 53.652, 284.662
Yxy	9.0575, 0.1768, 0.1560
Android (android.graphics.Color)	4278277033 (0xFF0153A9)
YUV	68.2860, 49.6520, -59.0098
Hunter-Lab	30.0957, 8.2280, -55.2590

Details

The Hex color **0153A9** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A95701**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5984E1**, and **002874** is the 20% darker color. If you saturate the color by 10%, you get **0052A9**, and if you desaturate by 10%, it is **125CA9**.


Distribution




Brightness & Saturation Gradients

These gradients show how the Hex color 0153A9 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 0153A9 by changing the saturation by 10% instead.

 0153A9

 0153A9

FFFFFF

 003C8E

 5984E1

 002874

 789EFE

 00155B

 95B8FF

 000743

 B3D4FF


 00032B


 D0F0FF

 000116

 EEEFFF

 000000

 0153A9

 0153A9

 0052A9

 125CA9

 2364A9

 346DA9

 4576A9

 567EA9

 6687A9

 7790A9

 8898A9

 99A1A9

Harmonies

Analogous

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



0060A8



0153A9



703E93

Triad

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



0153A9



943619



00673D

Complementary

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



0153A9



A95701

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.



1D620D



0153A9



794B00

Square

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



0153A9



A02342



545900



00686A

Rectangle

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



0153A9



8D2F7B



545900



00652E

Sweetspot

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



0153A9



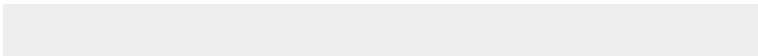
9ABADB



01A955



46596E



EDEDED



6E6E6E

Same Dimension

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



0153A9



006BDB



0101A9



4C5054



004894



000A14

Inverse Universe

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



A90153



DB006B



A9A901



544C50



940048



14000A

Previews

White Background



This preview shows how the Hex color 0153A9 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



This preview shows how the Hex color 0153A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

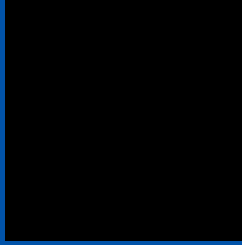
Any Text WCAG AA × Fail

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 0153A9 Background



This preview shows how black text looks on a background with the Hex color 0153A9.



This preview shows how white text looks on a background with the Hex color 0153A9.

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
0153A9



Protanopia
1E52A8

Deuteranopia
005797






Tritanopia
005E64

Trichromacy

	Original Color 0153A9
	Protanomaly 1352A8
	Deuteranomaly 00569E
	Tritanomaly 005A7D

Monochromacy

	Original Color 0153A9
	Achromatopsia 444444
	Achromatomaly 2C4969

CSS Examples

Text

The CSS property to change the color of the text to Hex 0153A9 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 #0153A9 looks like.

```
.text, #text, p{  
    color:#0153A9  
}
```

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 #0153A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0153A9
}
```

Border

The CSS property to change the border of an element to Hex 0153A9 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
#0153A9 }
```

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

```
.border{ border-color:#0153A9 }
```

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

Here you see how a box with a 4 pixel #0153A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0153A9; -webkit-box-shadow:4px 4px  
4px 4px #0153A9; box-shadow:4px 4px 4px  
4px #0153A9 }
```

Background

The CSS property to change the background color of an element to Hex 0153A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0153A9 }
```

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

```
.background{ background-color:#0153A9 }
```

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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