

Converting Colors

Hex(104190)

Have a look what the booklet for
Hex(104190) contains.

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Color

Hex(104190)

Conversions

Conversions Part 1

Format	Color
Hex	104190
RGB	16, 65, 144
RGB Percent	6%, 25%, 56%
CMY	0.9373, 0.7451, 0.4353
CMYK	0.89, 0.55, 0.00, 0.44
HSL	217°, 80%, 31%
HSV	217°, 89%, 56%
XYZ	7.1380, 5.9044, 27.1490
YIQ	59.3550, -54.5630, 14.1810

Conversions

Conversions Part 2

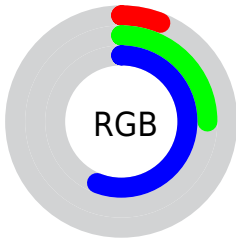
Format	Color
R_{YB}	16, 51, 144
Decimal	1065360
CIE _{Lab}	29.17, 16.25, -48.00
CIE _{LCh}	29, 50.679, 288.707
Yxy	5.9044, 0.1776, 0.1469
Android (android.graphics.Color)	4279255440 (0xFF104190)
YUV	59.3550, 41.7300, -38.0223
Hunter-Lab	24.2989, 9.9129, -49.2351

Details

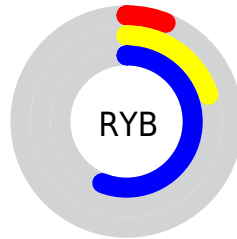
The Hex color **104190** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **905F10**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5670C7**, and **00185D** is the 20% darker color. If you saturate the color by 10%, you get **023890**, and if you desaturate by 10%, it is **1E4A90**.

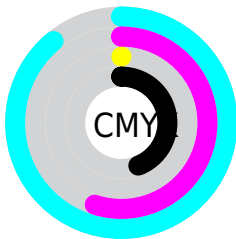
Distribution



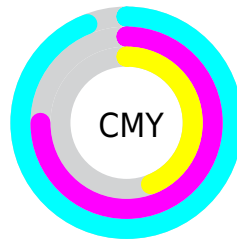
- Red (6%)
- Green (25%)
- Blue (56%)



- Red (6%)
- Yellow (20%)
- Blue (56%)



- Cyan (89%)
- Magenta (55%)
- Yellow (0%)
- Black (44%)



- Cyan (94%)
- Magenta (75%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 104190 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 104190 by changing the saturation by 10% instead.

■ 104190

■ 104190

FFFFFF

■ 002C76

■ 5670C7

■ 00185D

■ 7389E3

■ 000045

■ 90A4FF

■ 00032D

■ ACBFFF

■ 000118

■ C9DAFF

■ 000000

■ E7F7FF

■ 104190

■ 104190

■ 023890

■ 1E4A90

003790

2D5390

3B5C90

4A6590

586D90

667690

757F90

838890

929190

Harmonies

Analogous

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



004E92



104190



642C79

Triad

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



104190



7B2A07



005534

Complementary

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



104190



905F10

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.



005107



104190



613E00

Square

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



104190



88142E



3E4A00



00565D

Rectangle

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



104190



7B1C62



3E4A00



005426

Sweetspot

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



104190



889BBA



10905F



404C5E



DEDEDE



5E5E5E

Same Dimension

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



104190



0047BA



1F1090



404347



003487



000308

Inverse Universe

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



901041



BA0047



819010



474043



870034



080003

Previews

White Background



This preview shows how the Hex color 104190 looks on a white background.

Color Contrast Check

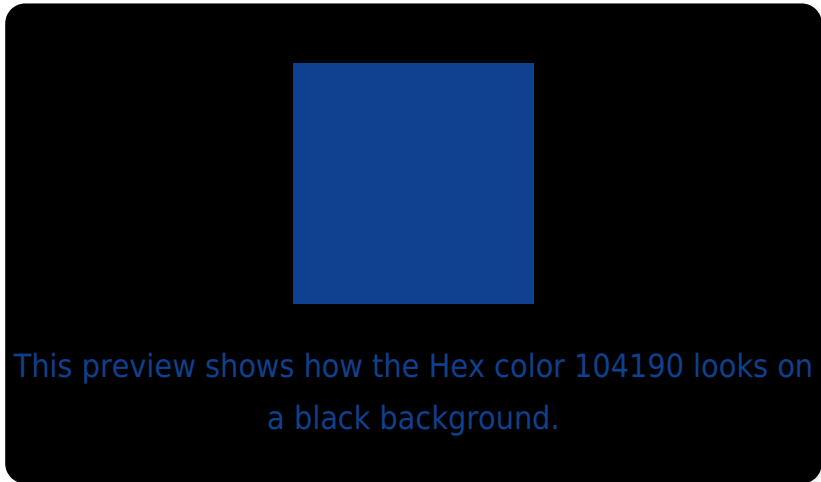
Large Text (above 18pt) WCAG AA ✓ Pass

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

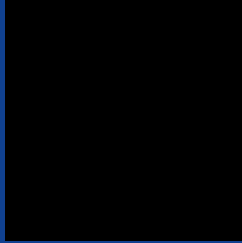
Any Text WCAG AA × Fail

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 104190 Background



This preview shows how black text looks on a background with the Hex color 104190.



This preview shows how white text looks on a background with the Hex color 104190.

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
104190

Protanopia
00428D

Deuteranopia
004779



Tritanopia
004C51

Trichromacy



Original Color
104190

Protanomaly
06428E

Deuteranomaly
064581

Tritanomaly
064868

Monochromacy



Original Color
104190

Achromatopsia
3B3B3B

Achromatomaly
2B3D5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 104190 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 #104190 looks like.

```
.text, #text, p{  
    color:#104190  
}
```

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 #104190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #104190
}
```

Border

The CSS property to change the border of an element to Hex 104190 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".

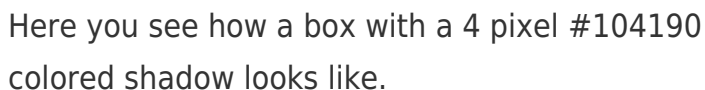
```
.border, #border, table{ border:4px solid
#104190 }
```

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

```
.border{ border-color:#104190 }
```

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

Here you see how a box with a 4 pixel #104190 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 #104190; -webkit-box-shadow:4px 4px  
4px 4px #104190; box-shadow:4px 4px 4px  
4px #104190 }
```

Background

The CSS property to change the background color of an element to Hex 104190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#104190 }
```

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

```
.background{ background-color:#104190 }
```

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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