

Converting Colors

Hex(1A368B)

Have a look what the booklet for
Hex(1A368B) contains.

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Color

Hex(1A368B)

Conversions

Conversions Part 1

Format	Color
Hex	1A368B
RGB	26, 54, 139
RGB Percent	10%, 21%, 55%
CMY	0.8980, 0.7882, 0.4549
CMYK	0.81, 0.61, 0.00, 0.45
HSL	225°, 68%, 32%
HSV	225°, 81%, 55%
XYZ	6.4054, 4.7220, 24.9999
YIQ	55.3180, -43.9730, 20.4990

Conversions

Conversions Part 2

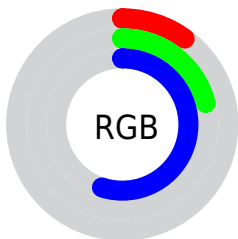
Format	Color
R_{YB}	26, 48, 139
Decimal	1717899
CIE _{Lab}	25.93, 22.75, -50.18
CIE _{LCh}	26, 55.095, 294.388
Yxy	4.7220, 0.1773, 0.1307
Android (android.graphics.Color)	4279907979 (0xFF1A368B)
YUV	55.3180, 41.2552, -25.7119
Hunter-Lab	21.7302, 14.5882, -53.0001

Details

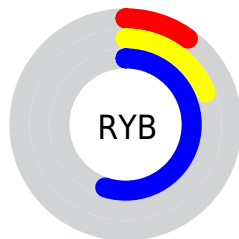
The Hex color **1A368B** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8B6F1A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5A64C1**, and **000E58** is the 20% darker color. If you saturate the color by 10%, you get **0C2C8B**, and if you desaturate by 10%, it is **28408B**.

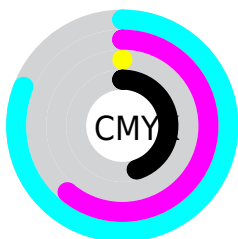
Distribution



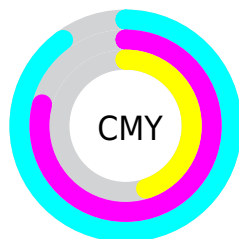
- Red (10%)
- Green (21%)
- Blue (55%)



- Red (10%)
- Yellow (19%)
- Blue (55%)



- Cyan (81%)
- Magenta (61%)
- Yellow (0%)
- Black (45%)



- Cyan (90%)
- Magenta (79%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A368B 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 1A368B by changing the saturation by 10% instead.

■ 1A368B

■ 1A368B

FFFFFF

■ 002171

■ 5A64C1

■ 000E58

■ 777DDE

■ 000340

■ 9397FA

■ 000329

■ AFB2FF

■ 000113

■ CCCDFF

■ 000000

■ EAE9FF

■ 1A368B

■ 1A368B

■ 0C2C8B

■ 28408B

■ 00228B

■ 364B8B

■ 44558B

■ 52608B

■ 5F6A8B

■ 6D758B

■ 7B7F8B

■ 898A8B

■ 97948B

Harmonies

Analogous

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



004692



1A368B



661A6F

Triad

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



1A368B



712400



004E34

Complementary

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



1A368B



8B6F1A

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.



004B02



1A368B



533900

Square

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



1A368B



82001E



2B4500



004E5F

Rectangle

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



1A368B



7B0055



2B4500



004D25

Sweetspot

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



1A368B



8A94B5



1A8B6F



41485C



DBDBDB



5C5C5C

Same Dimension

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



1A368B



0430B5



361A8B



3E4045



002185



000105

Inverse Universe

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



8B1A36



B50430



6F8B1A



453E40



850021



050001

Previews

White Background



This preview shows how the Hex color 1A368B looks on a white background.

Color Contrast Check

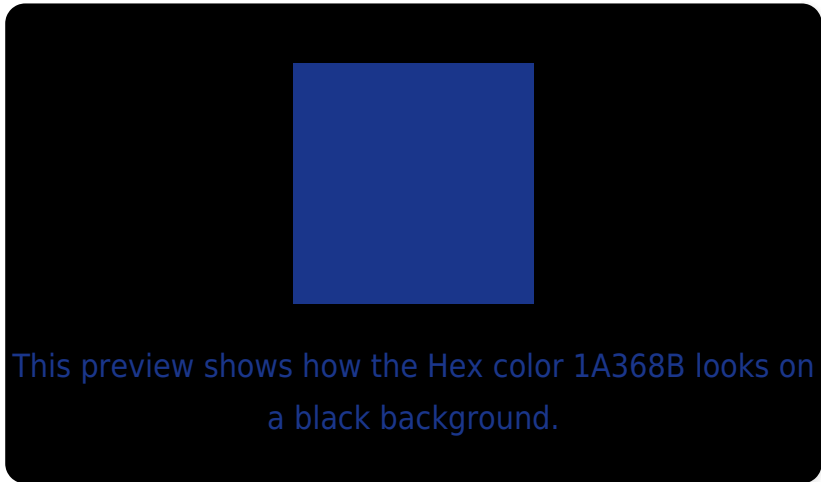
Large Text (above 18pt) WCAG AA ✓ Pass

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

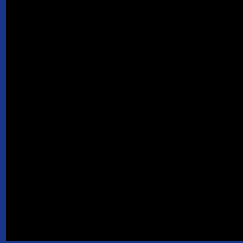
Any Text WCAG AA × Fail

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 1A368B Background



This preview shows how black text looks on a background with the Hex color 1A368B.



This preview shows how white text looks on a background with the Hex color 1A368B.

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
1A368B

Protanopia
003B7D

Deuteranopia
003F6C



Tritanopia
004449

Trichromacy



Original Color

1A368B

Protanomaly

093982

Deuteranomaly

093C77

Tritanomaly

093F61

Monochromacy



Original Color

1A368B

Achromatopsia

373737

Achromatomaly

2C3756

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A368B 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 #1A368B looks like.

```
.text, #text, p{  
    color:#1A368B  
}
```

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 #1A368B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A368B
}
```

Border

The CSS property to change the border of an element to Hex 1A368B 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
#1A368B }
```

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

```
.border{ border-color:#1A368B }
```

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

Here you see how a box with a 4 pixel #1A368B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A368B; -webkit-box-shadow:4px 4px  
4px 4px #1A368B; box-shadow:4px 4px 4px  
4px #1A368B }
```

Background

The CSS property to change the background color of an element to Hex 1A368B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A368B }
```

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

```
.background{ background-color:#1A368B }
```

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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