

Converting Colors

Hex(20368C)

Have a look what the booklet for
Hex(20368C) contains.

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Color

Hex(20368C)

Conversions

Conversions Part 1

Format	Color
Hex	20368C
RGB	32, 54, 140
RGB Percent	13%, 21%, 55%
CMY	0.8745, 0.7882, 0.4510
CMYK	0.77, 0.61, 0.00, 0.45
HSL	228°, 63%, 34%
HSV	228°, 77%, 55%
XYZ	6.6485, 4.8389, 25.3945
YIQ	57.2260, -40.7180, 22.0820

Conversions

Conversions Part 2

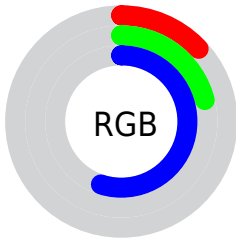
Format	Color
R_{YB}	32, 50, 140
Decimal	2111116
CIE _{Lab}	26.27, 23.81, -50.23
CIE _{LCh}	26, 55.588, 295.365
Yxy	4.8389, 0.1803, 0.1312
Android (android.graphics.Color)	4280301196 (0xFF20368C)
YUV	57.2260, 40.8076, -22.1232
Hunter-Lab	21.9974, 15.4540, -53.0481

Details

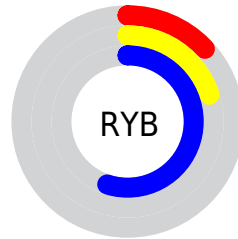
The Hex color **20368C** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8C7620**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **5E64C2**, and **000E59** is the 20% darker color. If you saturate the color by 10%, you get **122B8C**, and if you desaturate by 10%, it is **2E418C**.

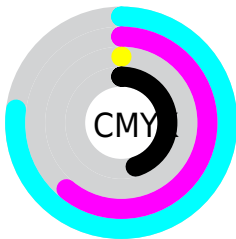
Distribution



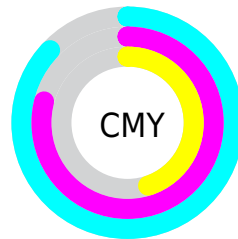
- Red (13%)
- Green (21%)
- Blue (55%)



- Red (13%)
- Yellow (20%)
- Blue (55%)



- Cyan (77%)
- Magenta (61%)
- Yellow (0%)
- Black (45%)



- Cyan (87%)
- Magenta (79%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20368C 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 20368C by changing the saturation by 10% instead.

■ 20368C

■ 20368C

FFFFFF

■ 002172

■ 5E64C2

■ 000E59

■ 7A7DDF

■ 000141

■ 9697FC

■ 00032A

■ B3B2FF

■ 000114

■ D0CFFF

■ 000000

■ EDE9FF

■ 20368C

■ 20368C

■ 122B8C

■ 2E418C

■ 04208C

■ 3C4C8C

■ 001D8C

■ 4A578C

■ 58638C

■ 666E8C

■ 74798C

■ 82848C

■ 908F8C

■ 9E9A8C

Harmonies

Analogous

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



004694



20368C



69196F

Triad

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



20368C



712500



004F36

Complementary

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



20368C



8C7620

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.



004C04



20368C



533A00

Square

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



20368C



83001D



2A4600



004F62

Rectangle

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



20368C



7D0055



2A4600



004E27

Sweetspot

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



20368C



8B94B5



208C75



42475C



DBDBDB



5C5C5C

Same Dimension

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



20368C



0D2FB5



3F208C



3E3F45



001B85



000105

Inverse Universe

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



8C2036



B50D2F



6D8C20



453E3F



85001B



050001

Previews

White Background



This preview shows how the Hex color 20368C looks on a white background.

Color Contrast Check

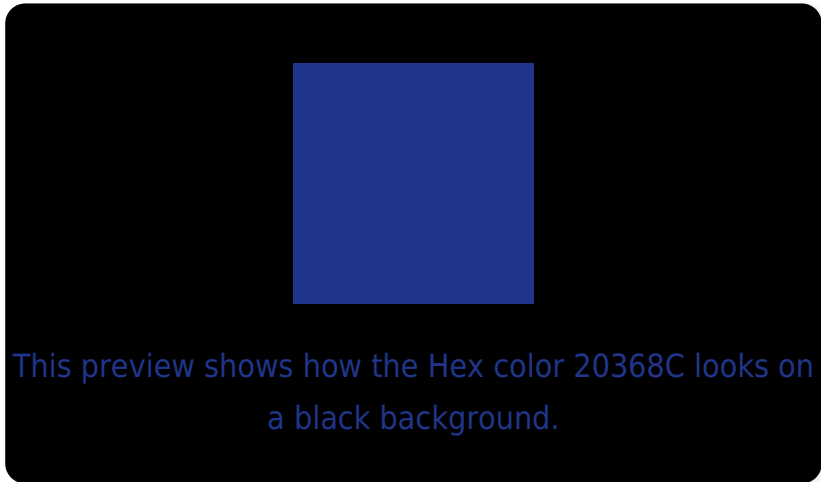
Large Text (above 18pt) WCAG AA ✓ Pass

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

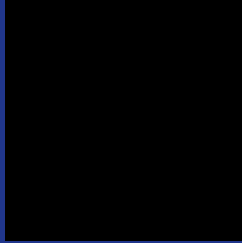
Any Text WCAG AA × Fail

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 20368C Background



This preview shows how black text looks on a background with the Hex color 20368C.



This preview shows how white text looks on a background with the Hex color 20368C.

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
20368C

Protanopia
003C7F

Deuteranopia
00406D



Tritanopia
00454A

Trichromacy



Original Color
20368C

Protanomaly
0C3A84

Deuteranomaly
0C3C78

Tritanomaly
0C4062

Monochromacy



Original Color
20368C

Achromatopsia
393939

Achromatomaly
303857

CSS Examples

Text

The CSS property to change the color of the text to Hex 20368C 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 #20368C looks like.

```
.text, #text, p{  
    color:#20368C  
}
```

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 #20368C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20368C
}
```

Border

The CSS property to change the border of an element to Hex 20368C 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".

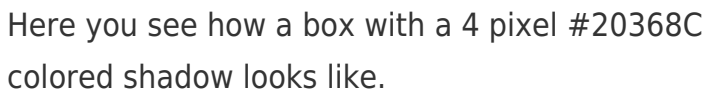
```
.border, #border, table{ border:4px solid
#20368C }
```

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

```
.border{ border-color:#20368C }
```

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

Here you see how a box with a 4 pixel #20368C 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 #20368C; -webkit-box-shadow:4px 4px  
4px 4px #20368C; box-shadow:4px 4px 4px  
4px #20368C }
```

Background

The CSS property to change the background color of an element to Hex 20368C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20368C }
```

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

```
.background{ background-color:#20368C }
```

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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