

Converting Colors

Hex(20128C)

Have a look what the booklet for
Hex(20128C) contains.

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Color

Hex(20128C)

Conversions

Conversions Part 1

Format	Color
Hex	20128C
RGB	32, 18, 140
RGB Percent	13%, 7%, 55%
CMY	0.8745, 0.9294, 0.4510
CMYK	0.77, 0.87, 0.00, 0.45
HSL	247°, 77%, 31%
HSV	247°, 87%, 55%
XYZ	5.5456, 2.6331, 25.0269
YIQ	36.0940, -30.8180, 40.9100

Conversions

Conversions Part 2

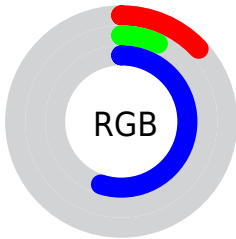
Format	Color
R_{YB}	32, 18, 140
Decimal	2101900
CIE _{Lab}	18.51, 45.18, -63.01
CIE _{LCh}	19, 77.533, 305.639
Yxy	2.6331, 0.1670, 0.0793
Android (android.graphics.Color)	4280291980 (0xFF20128C)
YUV	36.0940, 51.2257, -3.5904
Hunter-Lab	16.2269, 32.6056, -80.0844

Details

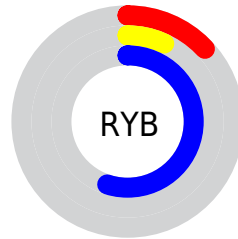
The Hex color **20128C** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **7E8C12**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **6142C3**, and **000058** is the 20% darker color. If you saturate the color by 10%, you get **14048C**, and if you desaturate by 10%, it is **2C208C**.

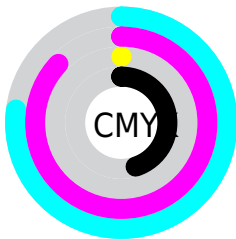
Distribution



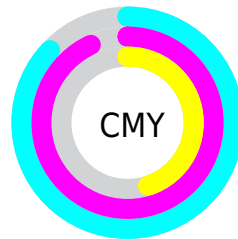
- Red (13%)
- Green (7%)
- Blue (55%)



- Red (13%)
- Yellow (7%)
- Blue (55%)



- Cyan (77%)
- Magenta (87%)
- Yellow (0%)
- Black (45%)



- Cyan (87%)
- Magenta (93%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20128C 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 20128C by changing the saturation by 10% instead.

■ 20128C

■ 20128C

FFFEFF

■ 000072

■ 6142C3

■ 000058

■ 7E5BDF

■ 000740

■ 9B74FC

■ 000329

■ B88EFF

■ 000113

■ D6A9FF

■ 000000

■ F3C5FF

■ FFE1FF

■ 20128C

■ 20128C

■ 14048C

■ 2C208C

■ 10008C

■ 392E8C

■ 453C8C

■ 524A8C

■ 5E588C

■ 6A668C

■ 77748C

■ 83828C

■ 90908C

Harmonies

Analogous

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



0035A2



20128C



72005D

Triad

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



20128C



5B1200



003F37

Complementary

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



20128C



7E8C12

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.



003D00



20128C



2F2F00

Square

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



20128C



7A0000



003900



00406F

Rectangle

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



20128C



830038



003900



003F23

Sweetspot

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



20128C



8B86B5



12808C



433F5C



DBDBDB



5C5C5C

Same Dimension

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



20128C



1500B5



5B128C



3F3E45



0F0085



010005

Inverse Universe

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



8C127E



B500A0



438C12



453E44



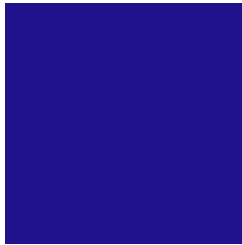
850075



050005

Previews

White Background



This preview shows how the Hex color 20128C looks on a white background.

Color Contrast Check

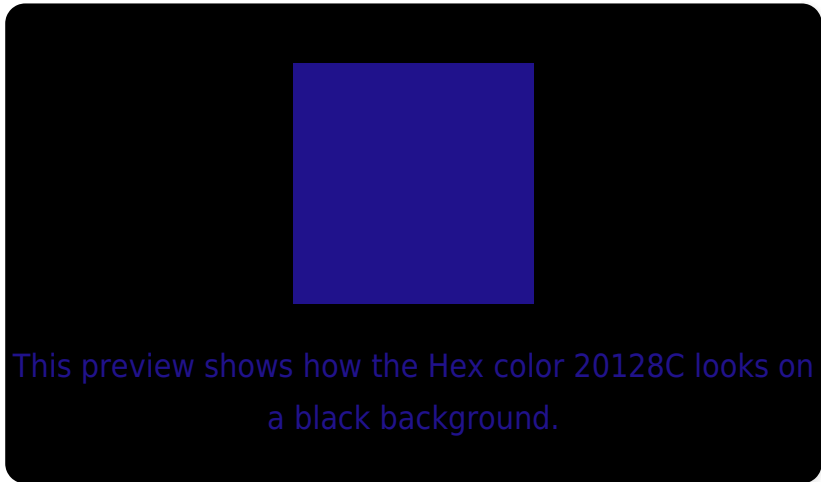
Large Text (above 18pt) WCAG AA ✓ Pass

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

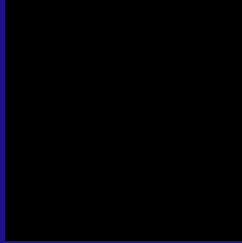
Any Text WCAG AA × Fail

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 20128C Background



This preview shows how black text looks on a background with the Hex color 20128C.



This preview shows how white text looks on a background with the Hex color 20128C.

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
20128C

Protanopia
002D5E

Deuteranopia
003050

Trichromacy



Original Color
20128C

Protanomaly
0C236F

Deuteranomaly
0C2566

Tritanomaly
0C2855

Monochromacy



Original Color
20128C

Achromatopsia
242424

Achromatomaly
231D4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 20128C 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 #20128C looks like.

```
.text, #text, p{  
    color:#20128C  
}
```

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 #20128C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20128C
}
```

Border

The CSS property to change the border of an element to Hex 20128C 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
#20128C }
```

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

```
.border{ border-color:#20128C }
```

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

Here you see how a box with a 4 pixel #20128C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20128C; -webkit-box-shadow:4px 4px  
4px 4px #20128C; box-shadow:4px 4px 4px  
4px #20128C }
```

Background

The CSS property to change the background color of an element to Hex 20128C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20128C }
```

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

```
.background{ background-color:#20128C }
```

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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