

Converting Colors

Hex(20637C)

Have a look what the booklet for
Hex(20637C) contains.

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Color

Hex(20637C)

Conversions

Conversions Part 1

Format	Color
Hex	20637C
RGB	32, 99, 124
RGB Percent	13%, 39%, 49%
CMY	0.8745, 0.6118, 0.5137
CMYK	0.74, 0.20, 0.00, 0.51
HSL	196°, 59%, 31%
HSV	196°, 74%, 49%
XYZ	8.6956, 10.6860, 20.6731
YIQ	81.8170, -47.9570, -6.4290

Conversions

Conversions Part 2

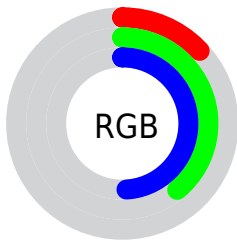
Format	Color
RYB	32, 71, 124
Decimal	2122620
CIELab	39.05, -11.97, -20.04
CIELCh	39, 23.346, 239.150
Yxy	10.6860, 0.2171, 0.2668
Android (android.graphics.Color)	4280312700 (0xFF20637C)
YUV	81.8170, 20.7962, -43.6895
Hunter-Lab	32.6894, -9.7244, -14.6129

Details

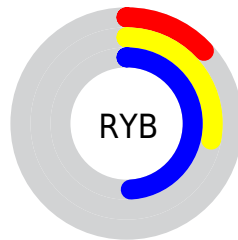
The Hex color **20637C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C3920**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5A96B1**, and **00344B** is the 20% darker color. If you saturate the color by 10%, you get **14607C**, and if you desaturate by 10%, it is **2C667C**.

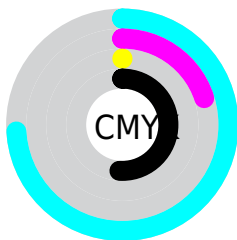
Distribution



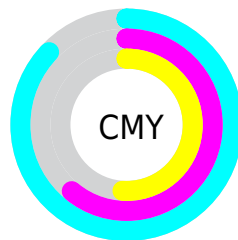
- Red (13%)
- Green (39%)
- Blue (49%)



- Red (13%)
- Yellow (28%)
- Blue (49%)



- Cyan (74%)
- Magenta (20%)
- Yellow (0%)
- Black (51%)



- Cyan (87%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20637C 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 20637C by changing the saturation by 10% instead.

 20637C

 20637C

FFFFFF

 004B63

 5A96B1

 00344B

 75B0CC

 001F34

 91CCE8

 00021F

 ADE8FF

 000003

 C9FFFF

 000000

 E6FFFF

 20637C

 20637C

 14607C

 2C667C

075C7C

396A7C

005A7C

456D7C

52707C

5E747C

6A777C

777B7C

837E7C

90817C

Harmonies

Analogous

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



11666E



20637C



405E82

Triad

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



20637C



7F4D5D



55603A

Complementary

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



20637C



7C3920

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.



695B36



20637C



804F4A

Square

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



20637C



735170



78543C



3F6448

Rectangle

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



20637C



545A80



78543C



5C5F38

Sweetspot

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



20637C



7D97A1



207C39



3C4C52



D1D1D1



525252

Same Dimension

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



20637C



127AA1



20357C



373C3D



005B7D



00B8FC

Inverse Universe

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



7C2063



A1127A



7C6720



3D373C



7D005B



FC00B8

Previews

White Background



This preview shows how the Hex color 20637C looks on a white background.

Color Contrast Check

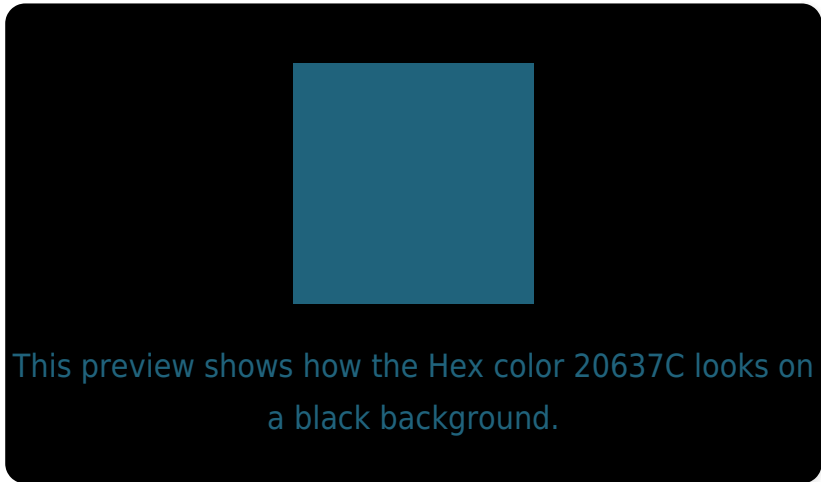
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

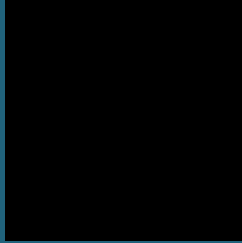
Any Text WCAG AA × Fail

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 20637C Background



This preview shows how black text looks on a background with the Hex color 20637C.




This preview shows how white text looks on a background with the Hex color 20637C.

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](#).

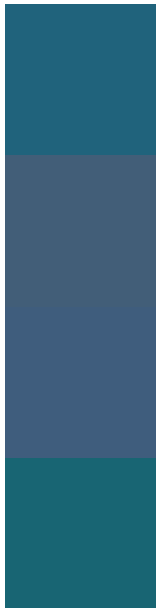
Dichromacy





Tritanopia
13666E

Trichromacy



Original Color
20637C

Protanomaly
425E78

Deuteranomaly
3F5D7D

Tritanomaly
186573

Monochromacy



Original Color
20637C

Achromatopsia
525252

Achromatomaly
405861

CSS Examples

Text

The CSS property to change the color of the text to Hex 20637C 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 #20637C looks like.

```
.text, #text, p{  
    color:#20637C  
}
```

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 #20637C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20637C
}
```

Border

The CSS property to change the border of an element to Hex 20637C 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
#20637C }
```

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

```
.border{ border-color:#20637C }
```

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

Here you see how a box with a 4 pixel #20637C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20637C; -webkit-box-shadow:4px 4px  
4px 4px #20637C; box-shadow:4px 4px 4px  
4px #20637C }
```

Background

The CSS property to change the background color of an element to Hex 20637C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20637C }
```

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

```
.background{ background-color:#20637C }
```

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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