

Converting Colors

Hex(20266C)

Have a look what the booklet for
Hex(20266C) contains.

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Color

Hex(20266C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 20266C |
| RGB | 32, 38, 108 |
| RGB Percent | 13%, 15%, 42% |
| CMY | 0.8745, 0.8510, 0.5765 |
| CMYK | 0.70, 0.65, 0.00, 0.58 |
| HSL | 235°, 54%, 27% |
| HSV | 235°, 70%, 42% |
| XYZ | 3.9956, 2.7760, 14.5126 |
| YIQ | 44.1860, -26.0460, 20.4980 |

Conversions

Conversions Part 2

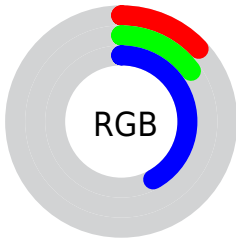
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 32, 38, 108 |
| Decimal | 2106988 |
| CIE _{Lab} | 19.12, 22.46, -41.60 |
| CIE _{LCh} | 19, 47.279, 298.361 |
| Yxy | 2.7760, 0.1877, 0.1304 |
| Android (android.graphics.Color) | 4280297068 (0xFF20266C) |
| YUV | 44.1860, 31.4603, -10.6871 |
| Hunter-Lab | 16.6614, 13.6486, -39.9806 |

Details

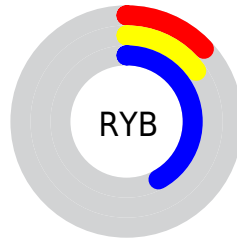
The Hex color **20266C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6C6620**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5753A0**, and **00003C** is the 20% darker color. If you saturate the color by 10%, you get **151C6C**, and if you desaturate by 10%, it is **2B306C**.

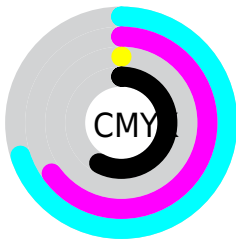
Distribution



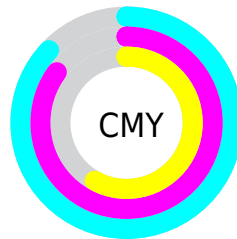
- Red (13%)
- Green (15%)
- Blue (42%)



- Red (13%)
- Yellow (15%)
- Blue (42%)



- Cyan (70%)
- Magenta (65%)
- Yellow (0%)
- Black (58%)



- Cyan (87%)
- Magenta (85%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20266C 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 20266C by changing the saturation by 10% instead.

■ 20266C

■ 20266C

FFFFFF

■ 001253

■ 5753A0

■ 00003C

■ 726BBC

■ 000225

■ 8D84D8

■ 00010D

■ A89EF4

■ 000000

■ C5B9FF

■ E1D5FF

■ FFF1FF

■ 20266C

■ 20266C

■ 151C6C

■ 2B306C

■ 0A126C

■ 363A6C

■ 00096C

■ 40446C

■ 4B4E6C

■ 56586C

■ 61626C

■ 6C6C6C

■ 76766C

■ 81806C

Harmonies

Analogous

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



003474



20266C



540C53

Triad

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



20266C



561C00



003C2C

Complementary

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



20266C



6C6620

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.



003A03



20266C



3C2D00

Square

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



20266C



650010



1A3600



003C4F

Rectangle

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



20266C



63003D



1A3600



003B1F

Sweetspot

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



20266C



6F718C



206C66



363747



C7C7C7



474747

Same Dimension

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



20266C



16208C



40206C



303136



000975



0013F5

Inverse Universe

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



6C2026



8C1620



4C6C20



363031



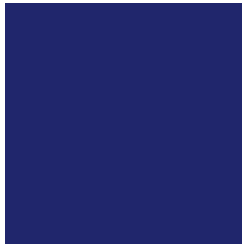
750009



F50013

Previews

White Background



This preview shows how the Hex color 20266C looks on a white background.

Color Contrast Check

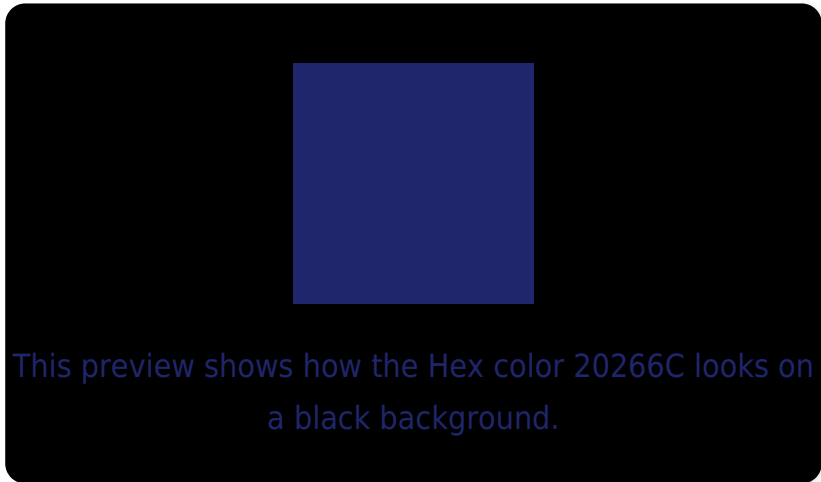
Large Text (above 18pt) WCAG AA ✓ Pass

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

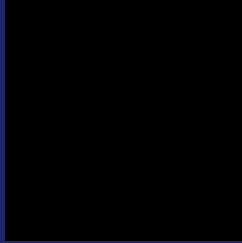
Any Text WCAG AA × Fail

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 20266C Background



This preview shows how black text looks on a background with the Hex color 20266C.



This preview shows how white text looks on a background with the Hex color 20266C.

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
20266C

Protanopia
002D5F

Deuteranopia
003052

Trichromacy



Original Color
20266C

Protanomaly
0C2A64

Deuteranomaly
0C2C5B

Tritanomaly
0C2F4B

Monochromacy



Original Color
20266C

Achromatopsia
2C2C2C

Achromatomaly
282A43

CSS Examples

Text

The CSS property to change the color of the text to Hex 20266C 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 #20266C looks like.

```
.text, #text, p{  
    color:#20266C  
}
```

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 #20266C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20266C
}
```

Border

The CSS property to change the border of an element to Hex 20266C 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".

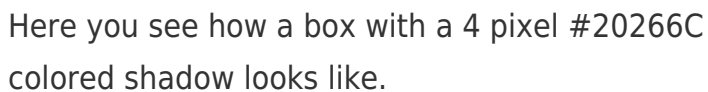
```
.border, #border, table{ border:4px solid
#20266C }
```

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

```
.border{ border-color:#20266C }
```

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

Here you see how a box with a 4 pixel #20266C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20266C; -webkit-box-shadow:4px 4px  
4px 4px #20266C; box-shadow:4px 4px 4px  
4px #20266C }
```

Background

The CSS property to change the background color of an element to Hex 20266C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20266C }
```

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

```
.background{ background-color:#20266C }
```

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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