

Converting Colors

Hex(18556B)

Have a look what the booklet for
Hex(18556B) contains.

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Color

Hex(18556B)

Conversions

Conversions Part 1

Format	Color
Hex	18556B
RGB	24, 85, 107
RGB Percent	9%, 33%, 42%
CMY	0.9059, 0.6667, 0.5804
CMYK	0.78, 0.21, 0.00, 0.58
HSL	196°, 63%, 26%
HSV	196°, 78%, 42%
XYZ	6.2790, 7.7527, 15.0754
YIQ	69.2690, -43.4180, -6.0900

Conversions

Conversions Part 2

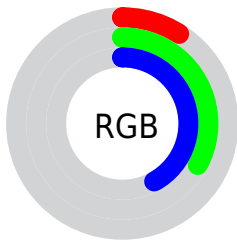
Format	Color
RYB	24, 59, 107
Decimal	1594731
CIELab	33.46, -11.07, -18.19
CIELCh	33, 21.293, 238.660
Yxy	7.7527, 0.2157, 0.2664
Android (android.graphics.Color)	4279784811 (0xFF18556B)
YUV	69.2690, 18.6014, -39.7009
Hunter-Lab	27.8437, -8.4730, -12.6107

Details

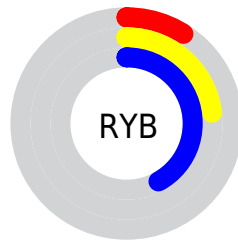
The Hex color **18556B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B2E18**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **51879E**, and **00283C** is the 20% darker color. If you saturate the color by 10%, you get **0D526B**, and if you desaturate by 10%, it is **23586B**.

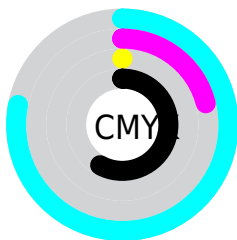
Distribution



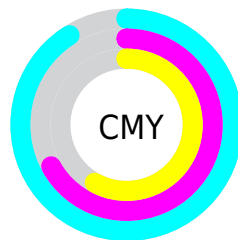
- Red (9%)
- Green (33%)
- Blue (42%)



- Red (9%)
- Yellow (23%)
- Blue (42%)



- Cyan (78%)
- Magenta (21%)
- Yellow (0%)
- Black (58%)



- Cyan (91%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18556B 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 18556B by changing the saturation by 10% instead.

■ 18556B

■ 18556B

FFFFFF

■ 003E53

■ 51879E

■ 00283C

■ 6CA1B9

■ 001426

■ 87BCD5

■ 000110

■ A2D8F2

■ 000000

■ BEF4FF

■ DBFFFF

■ F8FFFF

■ 18556B

■ 18556B

■ 0D526B

■ 23586B

■ 034F6B

■ 2D5B6B

■ 004F6B

■ 385E6B

■ 43606B

■ 4E636B

■ 58666B

■ 63696B

■ 6E6C6B

■ 786F6B

Harmonies

Analogous

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



0A575E



18556B



355170

Triad

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



18556B



6E4250



495331

Complementary

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



18556B



6B2E18

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.



5B4D2D



18556B



6F433F

Square

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



18556B



634560



684832



35563D

Rectangle

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



18556B



474D6E



684832



4F512E

Sweetspot

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



18556B



6C848C



186B2D



334247



C7C7C7



474747

Same Dimension

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



18556B



0A6A8C



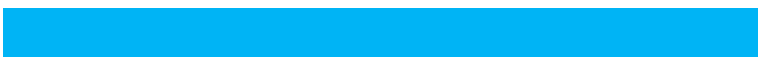
182D6B



303436



005675



00B4F5

Inverse Universe

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



6B1855



8C0A6A



6B5618



363034



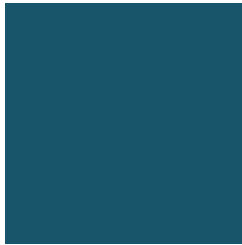
750056



F500B4

Previews

White Background



This preview shows how the Hex color 18556B looks on a white background.

Color Contrast Check

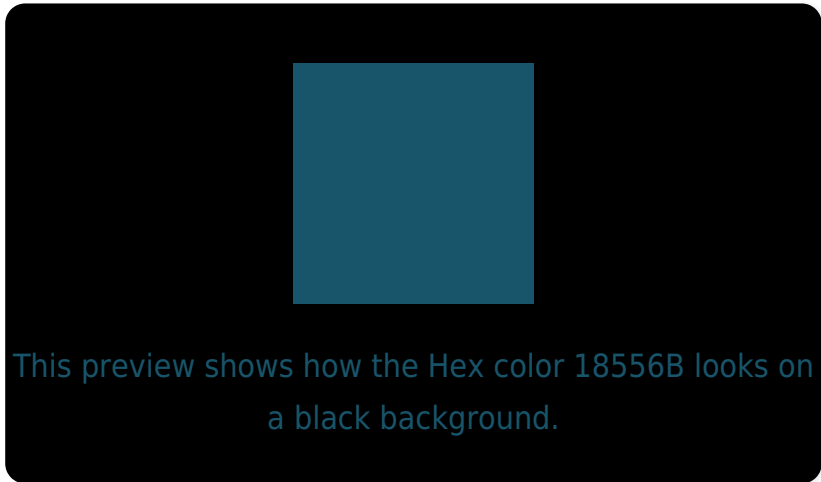
Large Text (above 18pt) WCAG AA ✓ Pass

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

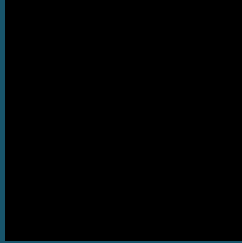
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

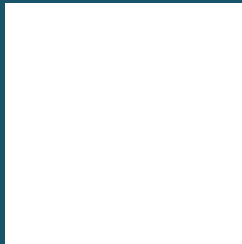
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 18556B Background



This preview shows how black text looks on a background with the Hex color 18556B.



This preview shows how white text looks on a background with the Hex color 18556B.

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

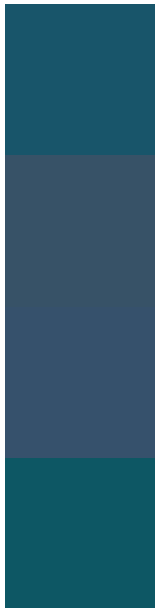


Original Color
18556B

Protanopia
484E65

Deuteranopia
454E6D

Trichromacy



Original Color
18556B

Protanomaly
375167

Deuteranomaly
35516C

Tritanomaly
0D5663

Monochromacy



Original Color
18556B

Achromatopsia
454545

Achromatomaly
354B53

CSS Examples

Text

The CSS property to change the color of the text to Hex 18556B 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 #18556B looks like.

```
.text, #text, p{  
    color:#18556B  
}
```

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 #18556B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18556B
}
```

Border

The CSS property to change the border of an element to Hex 18556B 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
#18556B }
```

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

```
.border{ border-color:#18556B }
```

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

Here you see how a box with a 4 pixel #18556B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18556B; -webkit-box-shadow:4px 4px  
4px 4px #18556B; box-shadow:4px 4px 4px  
4px #18556B }
```

Background

The CSS property to change the background color of an element to Hex 18556B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18556B }
```

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

```
.background{ background-color:#18556B }
```

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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