

Converting Colors

Hex(1F5F86)

Have a look what the booklet for
Hex(1F5F86) contains.

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Color

Hex(1F5F86)

Conversions

Conversions Part 1

Format	Color
Hex	1F5F86
RGB	31, 95, 134
RGB Percent	12%, 37%, 53%
CMY	0.8784, 0.6275, 0.4745
CMYK	0.77, 0.29, 0.00, 0.47
HSL	203°, 62%, 32%
HSV	203°, 77%, 53%
XYZ	8.9604, 10.1970, 24.0502
YIQ	80.3100, -50.6630, -1.4390

Conversions

Conversions Part 2

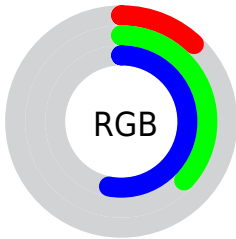
Format	Color
R_{YB}	31, 70, 134
Decimal	2056070
CIE Lab	38.19, -6.03, -27.46
CIE LCh	38, 28.115, 257.612
Yxy	10.1970, 0.2074, 0.2360
Android (android.graphics.Color)	4280246150 (0xFF1F5F86)
YUV	80.3100, 26.4692, -43.2449
Hunter-Lab	31.9327, -5.7948, -22.3016

Details

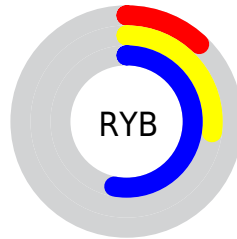
The Hex color **1F5F86** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **86461F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **5B91BB**, and **003154** is the 20% darker color. If you saturate the color by 10%, you get **125A86**, and if you desaturate by 10%, it is **2C6486**.

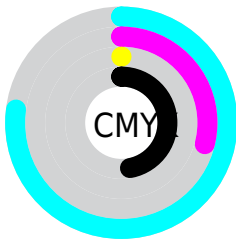
Distribution



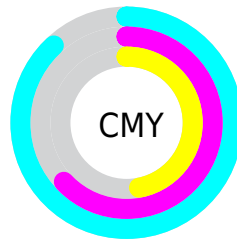
- Red (12%)
- Green (37%)
- Blue (53%)



- Red (12%)
- Yellow (27%)
- Blue (53%)



- Cyan (77%)
- Magenta (29%)
- Yellow (0%)
- Black (47%)



- Cyan (88%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F5F86 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 1F5F86 by changing the saturation by 10% instead.

■ 1F5F86

■ 1F5F86

FFFFFF

■ 00476D

■ 5B91BB

■ 003154

■ 77ACD7

■ 001D3D

■ 92C7F4

■ 000327

■ AFE3FF

■ 000110

■ CBFFFF

■ 000000

■ E8FFFF

■ 1F5F86

■ 1F5F86

■ 125A86

■ 2C6486

■ 045586

■ 3A6986

■ 005386

■ 476E86

■ 557386

■ 627886

■ 6F7D86

■ 7D8386

■ 8A8886

■ 988D86

Harmonies

Analogous

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



00647B



1F5F86



4D5885

Triad

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



1F5F86



86484D



41623A

Complementary

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



1F5F86



86461F

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.



5B5D2D



1F5F86



804D39

Square

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



1F5F86



804964



70552D



1F654F

Rectangle

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



1F5F86



64527E



70552D



4A6135

Sweetspot

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



1F5F86



869EAD



1F8645



3E4E57



D6D6D6



575757

Same Dimension

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



1F5F86



0E71AD



1F2D86



3C4042



005182



000203

Inverse Universe

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



861F5F



AD0E71



86781F



423C40



820051



030002

Previews

White Background



This preview shows how the Hex color 1F5F86 looks on a white background.

Color Contrast Check

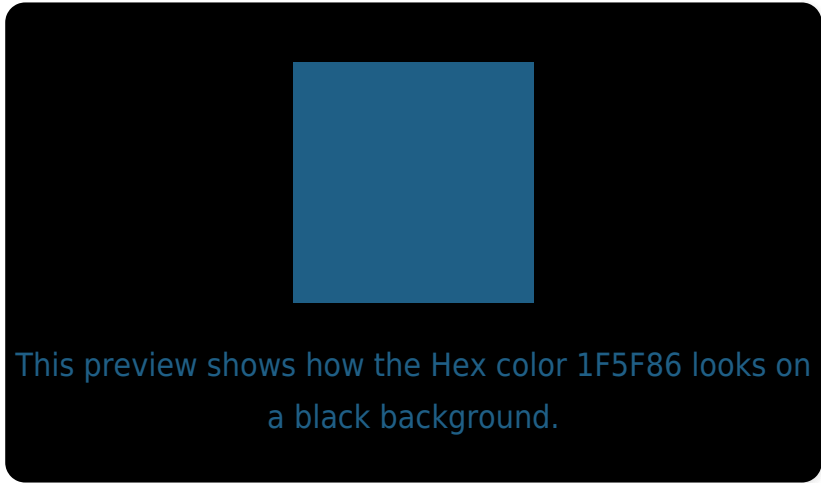
Large Text (above 18pt) WCAG AA ✓ Pass

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

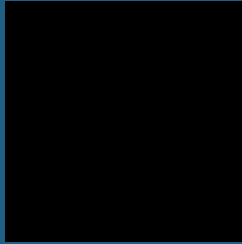
Any Text WCAG AA × Fail

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 1F5F86 Background



This preview shows how black text looks on a background with the Hex color 1F5F86.

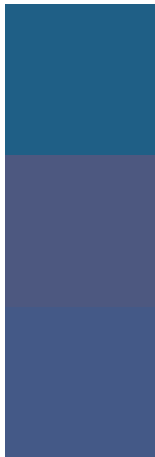


This preview shows how white text looks on a background with the Hex color 1F5F86.

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
1F5F86

Protanopia
4D5880

Deuteranopia
445987

Trichromacy



Original Color
1F5F86

Protanomaly
3C5B82

Deuteranomaly
375B87

Monochromacy



Original Color
1F5F86

Achromatopsia
505050

Achromatomaly
3E5564

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F5F86 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 #1F5F86 looks like.

```
.text, #text, p{  
    color:#1F5F86  
}
```

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 #1F5F86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F5F86
}
```

Border

The CSS property to change the border of an element to Hex 1F5F86 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
#1F5F86 }
```

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

```
.border{ border-color:#1F5F86 }
```

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

Here you see how a box with a 4 pixel #1F5F86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F5F86; -webkit-box-shadow:4px 4px  
4px 4px #1F5F86; box-shadow:4px 4px 4px  
4px #1F5F86 }
```

Background

The CSS property to change the background color of an element to Hex 1F5F86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F5F86 }
```

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

```
.background{ background-color:#1F5F86 }
```

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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