

# Converting Colors

Hex(1F5261)

Have a look what the booklet for  
Hex(1F5261) contains.

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# Color

**Hex(1F5261)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1F5261
RGB	31, 82, 97
RGB Percent	12%, 32%, 38%
CMY	0.8784, 0.6784, 0.6196
CMYK	0.68, 0.15, 0.00, 0.62
HSL	194°, 52%, 25%
HSV	194°, 68%, 38%
XYZ	5.7400, 7.1890, 12.3943
YIQ	68.4610, -35.2110, -6.1470

# Conversions

## Conversions Part 2

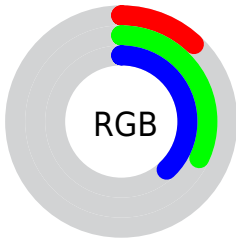
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 60, 97
Decimal	2052705
CIE <sub>Lab</sub>	32.23, -11.73, -13.77
CIE <sub>LCh</sub>	32, 18.089, 229.560
Yxy	7.1890, 0.2267, 0.2839
Android (android.graphics.Color)	4280242785 (0xFF1F5261)
YUV	68.4610, 14.0697, -32.8533
Hunter-Lab	26.8122, -8.7077, -8.6391

# Details

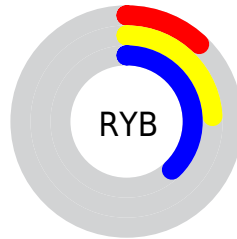
The Hex color **1F5261** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **612E1F**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **548394**, and **002533** is the 20% darker color. If you saturate the color by 10%, you get **155061**, and if you desaturate by 10%, it is **295461**.

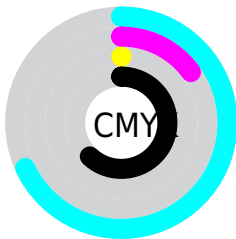
# Distribution



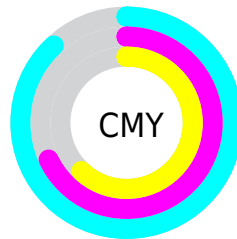
- Red (12%)
- Green (32%)
- Blue (38%)



- Red (12%)
- Yellow (24%)
- Blue (38%)



- Cyan (68%)
- Magenta (15%)
- Yellow (0%)
- Black (62%)



- Cyan (88%)
- Magenta (68%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F5261 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 1F5261 by changing the saturation by 10% instead.



1F5261

1F5261

FFFFFF

003B49

548394

002533

6E9EAE

00101E

88B9CA

000001

A4D4E6

000000

BFF1FF

DCFFFF

F9FFFF

1F5261

1F5261

■ 155061

■ 295461

■ 0C4E61

■ 325661

■ 024B61

■ 3C5961

■ 004B61

■ 465B61

■ 505D61

■ 595F61

■ 636161

■ 6D6461

■ 766661

# Harmonies

## Analogous

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



1D5455



1F5261



314F67

# Triad

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



1F5261



654251



4C4E31

# Complementary

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



1F5261



612E1F

# 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.



5A4930



1F5261



684143

# Square

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



1F5261



59455E



644537



3C5139

# Rectangle

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



1F5261



404C68



644537



514C30



# Sweetspot

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



1F5261



64777D



1F612D



303C40



BFBFBF



404040



# Same Dimension

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



1F5261



16667D



1F3261



2C2F30



005770



00B9F0



# Inverse Universe

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



611F52



7D1666



614E1F



302C2F



700057

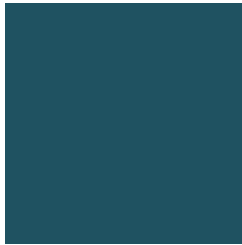


F000B9



# Previews

## White Background



This preview shows how the Hex color 1F5261 looks on a white background.

## Color Contrast Check

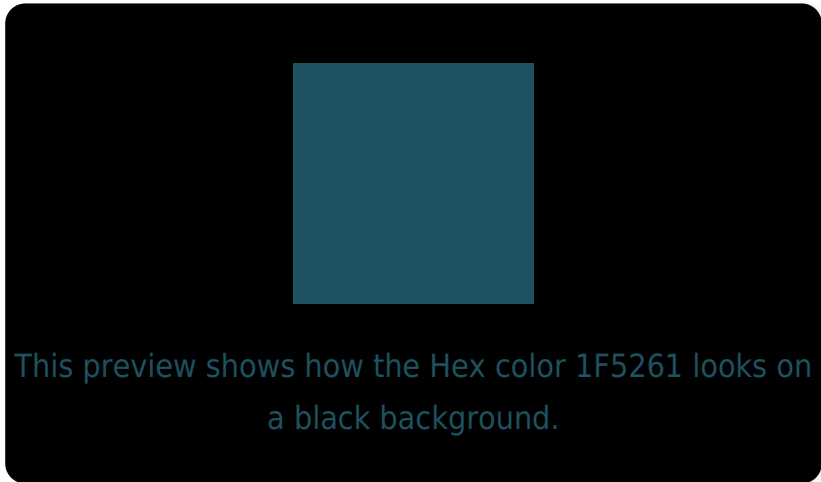
Large Text (above 18pt) WCAG AA ✓ Pass

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

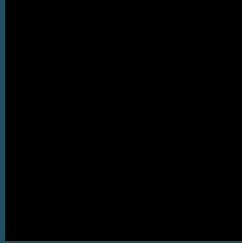
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F5261 Background



This preview shows how black text looks on a background with the Hex color 1F5261.



This preview shows how white text looks on a background with the Hex color 1F5261.

# 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**  
1F5261

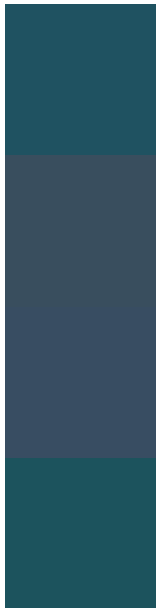
**Protanopia**  
484B5C

**Deuteranopia**  
464A63



**Tritanopia**  
1B535A

# Trichromacy



**Original Color**  
1F5261

**Protanomaly**  
394E5E

**Deuteranomaly**  
384D62

**Tritanomaly**  
1C535D

# Monochromacy



**Original Color**  
1F5261

**Achromatopsia**  
444444

**Achromatomaly**  
37494F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F5261 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 #1F5261 looks like.

```
.text, #text, p{  
    color:#1F5261  
}
```

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 #1F5261 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F5261
}
```

## Border

The CSS property to change the border of an element to Hex 1F5261 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
#1F5261 }
```

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

```
.border{ border-color:#1F5261 }
```

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

Here you see how a box with a 4 pixel #1F5261 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F5261; -webkit-box-shadow:4px 4px  
4px 4px #1F5261; box-shadow:4px 4px 4px  
4px #1F5261 }
```

# Background

The CSS property to change the background color of an element to Hex 1F5261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F5261 }
```

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

```
.background{ background-color:#1F5261 }
```

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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