

Converting Colors

Hex(1F5255)

Have a look what the booklet for
Hex(1F5255) contains.

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Color

Hex(1F5255)

Conversions

Conversions Part 1

Format	Color
Hex	1F5255
RGB	31, 82, 85
RGB Percent	12%, 32%, 33%
CMY	0.8784, 0.6784, 0.6667
CMYK	0.64, 0.04, 0.00, 0.67
HSL	183°, 47%, 23%
HSV	183°, 64%, 33%
XYZ	5.2221, 6.9818, 9.6667
YIQ	67.0930, -31.3590, -9.8790

Conversions

Conversions Part 2

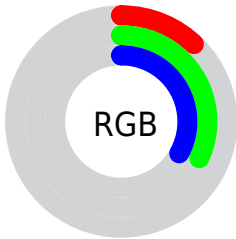
Format	Color
R_{YB}	31, 57, 85
Decimal	2052693
CIE _{Lab}	31.77, -15.80, -6.87
CIE _{LCh}	32, 17.232, 203.486
Yxy	6.9818, 0.2388, 0.3192
Android (android.graphics.Color)	4280242773 (0xFF1F5255)
YUV	67.0930, 8.8282, -31.6536
Hunter-Lab	26.4230, -10.9629, -3.1948




Details

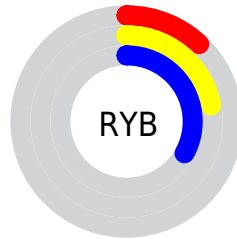
The Hex color **1F5255** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **55221F**, and the grayscale version is **434343**.




A 20% lighter version of the original color is **528487**, and **002528** is the 20% darker color. If you saturate the color by 10%, you get **165255**, and if you desaturate by 10%, it is **275255**.

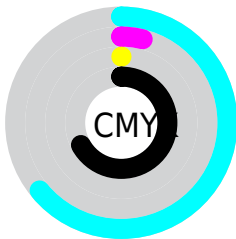
Distribution







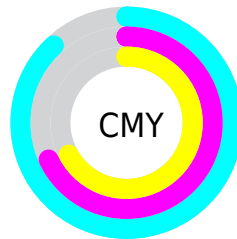
-  Red (12%)
-  Green (32%)
-  Blue (33%)






-  Red (12%)
-  Yellow (22%)
-  Blue (33%)



-  Cyan (64%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (88%)
-  Magenta (68%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F5255 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 1F5255 by changing the saturation by 10% instead.

1F5255

1F5255

FFFFFF

003B3E

528487

002528

6C9EA1

000D14

86B9BC

000000

A1D5D7

BDF1F4

D9FFFF

F6FFFF

1F5255

1F5255

■ 165255

■ 275255

■ 0E5155

■ 305355

■ 055155

■ 395355

■ 005055

■ 415455

■ 4A5455

■ 525555

■ 5A5555

■ 635655

■ 6B5655

Harmonies

Analogous

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



2A5247



1F5255



235060

Triad

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



1F5255



59445B



574930

Complementary

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



1F5255



55221F

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.



614436



1F5255



63414E

Square

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



1F5255



494863



664141



494D32

Rectangle

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



1F5255



2E4E64



664141



5B4731

Sweetspot

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



1F5255



596C6E



1F5522



2B3738



B8B8B8



383838

Same Dimension

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



1F5255



1A696E



1F3755



272B2B



00656B



00DEEB

Inverse Universe

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



551F52



6E1A69



553D1F



2B272B



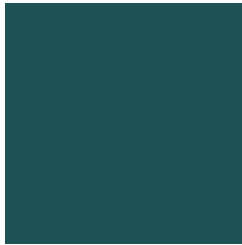
6B0065



EB00DE

Previews

White Background



This preview shows how the Hex color 1F5255 looks on a white background.

Color Contrast Check

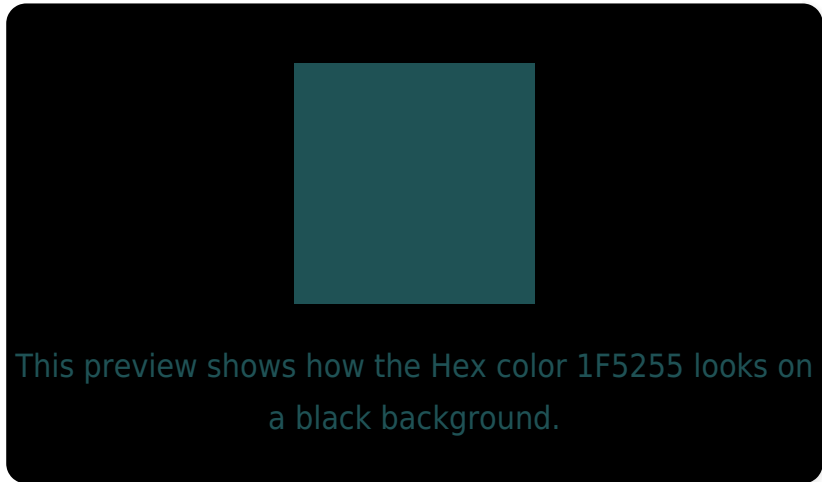
Large Text (above 18pt) WCAG AA ✓ Pass

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

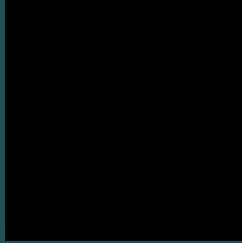
Any Text WCAG AA × Fail

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 1F5255 Background



This preview shows how black text looks on a background with the Hex color 1F5255.



This preview shows how white text looks on a background with the Hex color 1F5255.

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](#).

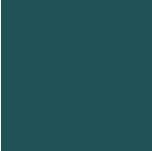
Dichromacy



Original Color
1F5255

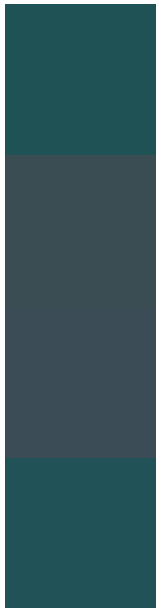
Protanopia
4A4A50

Deuteranopia
4C4957



Tritanopia
215258

Trichromacy



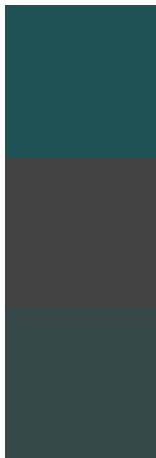
Original Color
1F5255

Protanomaly
3A4D52

Deuteranomaly
3C4C56

Tritanomaly
205257

Monochromacy



Original Color
1F5255

Achromatopsia
434343

Achromatomaly
36484A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F5255 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 #1F5255 looks like.

```
.text, #text, p{  
    color:#1F5255  
}
```

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 #1F5255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F5255
}
```

Border

The CSS property to change the border of an element to Hex 1F5255 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
#1F5255 }
```

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

```
.border{ border-color:#1F5255 }
```

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

Here you see how a box with a 4 pixel #1F5255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F5255; -webkit-box-shadow:4px 4px  
4px 4px #1F5255; box-shadow:4px 4px 4px  
4px #1F5255 }
```

Background

The CSS property to change the background color of an element to Hex 1F5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F5255 }
```

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

```
.background{ background-color:#1F5255 }
```

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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