

# Converting Colors

Hex(1F6556)

Have a look what the booklet for  
Hex(1F6556) contains.

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# Color

**Hex(1F6556)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F6556
RGB	31, 101, 86
RGB Percent	12%, 40%, 34%
CMY	0.8784, 0.6039, 0.6627
CMYK	0.69, 0.00, 0.15, 0.60
HSL	167°, 53%, 26%
HSV	167°, 69%, 40%
XYZ	6.8985, 10.2706, 10.4229
YIQ	78.3600, -36.9050, -19.5050

# Conversions

## Conversions Part 2

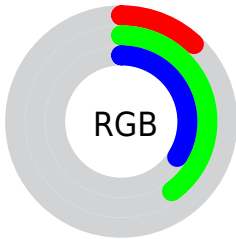
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 70, 101
Decimal	2057558
CIE <sub>Lab</sub>	38.32, -25.59, 2.17
CIE <sub>LCh</sub>	38, 25.681, 175.149
Yxy	10.2706, 0.2500, 0.3722
Android (android.graphics.Color)	4280247638 (0xFF1F6556)
YUV	78.3600, 3.7665, -41.5347
Hunter-Lab	32.0477, -17.6602, 3.1504

# Details

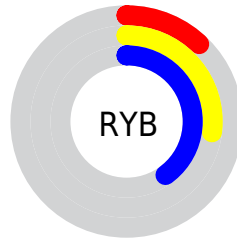
The Hex color **1F6556** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **651F2E**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **559888**, and **003529** is the 20% darker color. If you saturate the color by 10%, you get **156554**, and if you desaturate by 10%, it is **296558**.

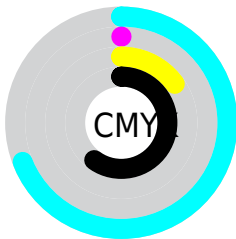
# Distribution



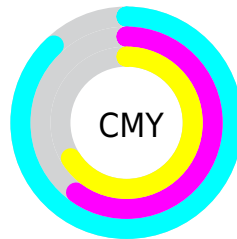
- Red (12%)
- Green (40%)
- Blue (34%)



- Red (12%)
- Yellow (27%)
- Blue (40%)



- Cyan (69%)
- Magenta (0%)
- Yellow (15%)
- Black (60%)



- Cyan (88%)
- Magenta (60%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F6556 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 1F6556 by changing the saturation by 10% instead.



 1F6556

 1F6556

FFFFFF

 004D3F

 559888

 003529

 70B3A2

 002115

 8ACFBD

 000000

 A6EBD9

 C2FFF5

 DEFFF

 FCF

 1F6556

 1F6556

■ 156554

■ 296558

■ 0B6552

■ 33655A

■ 016550

■ 3D655C

■ 00654F

■ 47655F

■ 526561

■ 5C6563

■ 666565

■ 706567

■ 7A6569

# Harmonies

## Analogous

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



3D6342



1F6556



00656B

# Triad

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



1F6556



575680



7A5139

# Complementary

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



1F6556



651F2E

# 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.



824B4A



1F6556



714F72

# Square

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



1F6556



345D83



804A5E



6B5830

# Rectangle

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



1F6556



006477



804A5E



7E4E3E



# Sweetspot

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



1F6556



67827C



2E651F



32423F



C2C2C2



424242



# Same Dimension

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



1F6556



16826B



1F5165



2E3332



00735A



00F2BE



# Inverse Universe

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



651F2E



82162D



65331F



332E2F



730019



F20034



# Previews

## White Background



This preview shows how the Hex color 1F6556 looks on a white background.

## Color Contrast Check

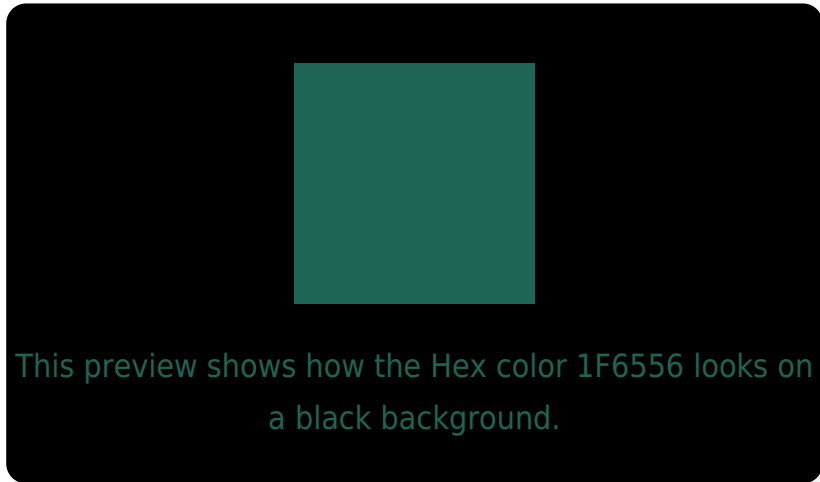
Large Text (above 18pt) WCAG AA ✓ Pass

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

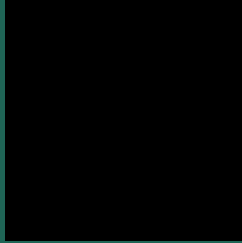
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F6556 Background



This preview shows how black text looks on a background with the Hex color 1F6556.



This preview shows how white text looks on a background with the Hex color 1F6556.

# 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**  
1F6556

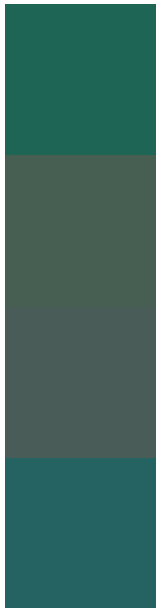
**Protanopia**  
5E5A50

**Deuteranopia**  
635759



**Tritanopia**  
29626A

# Trichromacy



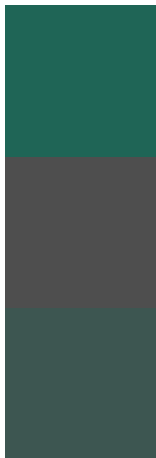
**Original Color**  
1F6556

**Protanomaly**  
475E52

**Deuteranomaly**  
4A5C58

**Tritanomaly**  
256363

# Monochromacy



**Original Color**  
1F6556

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
3D5651

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F6556 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 #1F6556 looks like.

```
.text, #text, p{  
    color:#1F6556  
}
```

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 #1F6556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F6556
}
```

## Border

The CSS property to change the border of an element to Hex 1F6556 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
#1F6556 }
```

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

```
.border{ border-color:#1F6556 }
```

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

Here you see how a box with a 4 pixel #1F6556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F6556; -webkit-box-shadow:4px 4px  
4px 4px #1F6556; box-shadow:4px 4px 4px  
4px #1F6556 }
```

# Background

The CSS property to change the background color of an element to Hex 1F6556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F6556 }
```

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

```
.background{ background-color:#1F6556 }
```

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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