

# Converting Colors

Hex(26135F)

Have a look what the booklet for  
Hex(26135F) contains.

<b>Hex(26135F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(26135F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26135F
RGB	38, 19, 95
RGB Percent	15%, 7%, 37%
CMY	0.8510, 0.9255, 0.6275
CMYK	0.60, 0.80, 0.00, 0.63
HSL	255°, 67%, 22%
HSV	255°, 80%, 37%
XYZ	3.0978, 1.7040, 10.9921
YIQ	33.3450, -13.0720, 27.6640

# Conversions

## Conversions Part 2

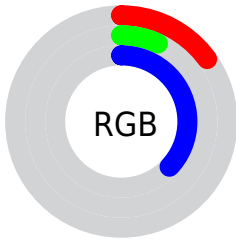
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 19, 95
Decimal	2495327
CIE <sub>Lab</sub>	13.85, 31.05, -41.66
CIE <sub>LCh</sub>	14, 51.956, 306.696
Yxy	1.7040, 0.1961, 0.1079
Android (android.graphics.Color)	4280685407 (0xFF26135F)
YUV	33.3450, 30.3959, 4.0824
Hunter-Lab	13.0539, 19.5148, -40.7879

# Details

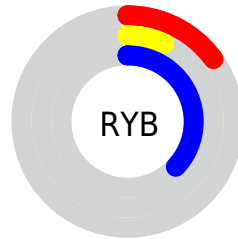
The Hex color **26135F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4C5F13**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **5B4092**, and **000030** is the 20% darker color. If you saturate the color by 10%, you get **1F095F**, and if you desaturate by 10%, it is **2D1D5F**.

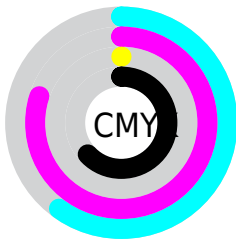
# Distribution



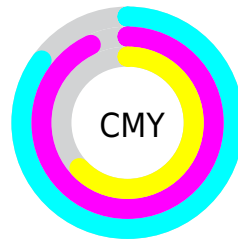
- Red (15%)
- Green (7%)
- Blue (37%)



- Red (15%)
- Yellow (7%)
- Blue (37%)



- Cyan (60%)
- Magenta (80%)
- Yellow (0%)
- Black (63%)



- Cyan (85%)
- Magenta (93%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26135F 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 26135F by changing the saturation by 10% instead.




 26135F

 26135F

 FFF9FF

 090047

 5B4092

 000030

 7558AD

 00011A

 9071C9

 000000

 AB8AE5

 C7A5FF

 E4C0FF

 FFDCFF

 26135F

 26135F

■ 1F095F

■ 2D1D5F

■ 18005F

■ 34265F

■ 3B305F

■ 43395F

■ 4A435F

■ 514C5F

■ 58565F

■ 5F5F5F

■ 66695F

# Harmonies

## Analogous

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



00276E



26135F



520041

# Triad

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



26135F



431500



00312B

# Complementary

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



26135F



4C5F13

# 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.



003000



26135F



262500

# Square

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



26135F



570000



002C00



00314F

# Rectangle

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



26135F



5C0029



002C00



00311E



# Sweetspot

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



26135F



645D7A



134C5F



302B3D



BDBDBD



3D3D3D



# Same Dimension

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



26135F



22057A



4C135F



2D2C30



1C0070



3C00F0



# Inverse Universe

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



5F134C



7A055D



265F13



302C2F



700054

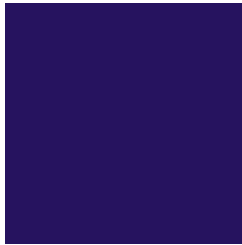


F000B4



# Previews

## White Background



This preview shows how the Hex color 26135F looks on a white background.

## Color Contrast Check

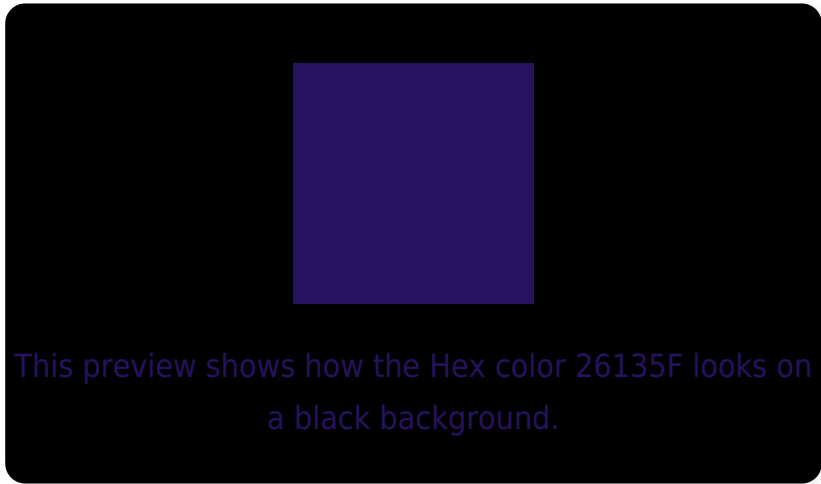
Large Text (above 18pt) WCAG AA ✓ Pass

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

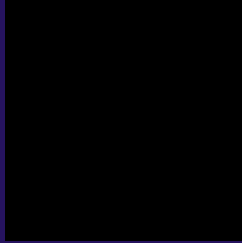
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 26135F Background



This preview shows how black text looks on a background with the Hex color 26135F.



This preview shows how white text looks on a background with the Hex color 26135F.

# 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**  
26135F

**Protanopia**  
00234A

**Deuteranopia**  
00263F



**Tritanopia**  
0D282B

# Trichromacy



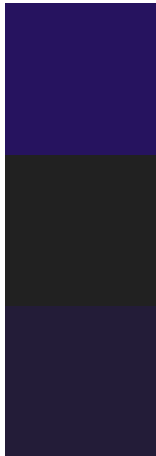
**Original Color**  
26135F

**Protanomaly**  
0E1D52

**Deuteranomaly**  
0E1F4B

**Tritanomaly**  
16203E

# Monochromacy



**Original Color**  
26135F

**Achromatopsia**  
212121

**Achromatomaly**  
231C38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26135F 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 #26135F looks like.

```
.text, #text, p{  
    color:#26135F  
}
```

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 #26135F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26135F
}
```

## Border

The CSS property to change the border of an element to Hex 26135F is called "border". The border property can be set on classes, ids or directly on the HTML element.

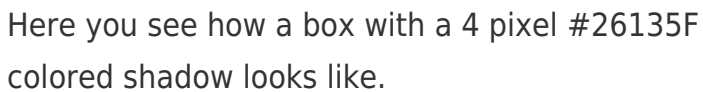
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#26135F }
```

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

```
.border{ border-color:#26135F }
```

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



Here you see how a box with a 4 pixel #26135F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26135F; -webkit-box-shadow:4px 4px  
4px 4px #26135F; box-shadow:4px 4px 4px  
4px #26135F }
```

# Background

The CSS property to change the background color of an element to Hex 26135F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26135F }
```

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

```
.background{ background-color:#26135F }
```

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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