

# Converting Colors

Hex(26113A)

Have a look what the booklet for  
Hex(26113A) contains.

<b>Hex(26113A)</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(26113A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	26113A
RGB	38, 17, 58
RGB Percent	15%, 7%, 23%
CMY	0.8510, 0.9333, 0.7725
CMYK	0.34, 0.71, 0.00, 0.77
HSL	271°, 55%, 15%
HSV	271°, 71%, 23%
XYZ	1.7635, 1.1185, 4.1259
YIQ	27.9530, -0.6450, 17.2030

# Conversions

## Conversions Part 2

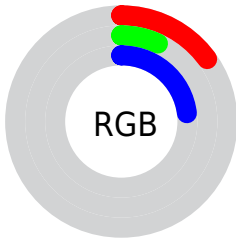
Format	Color
<b>RYB</b>	38, 17, 58
Decimal	2494778
CIELab	9.94, 20.55, -22.45
CIELCh	10, 30.435, 312.471
Yxy	1.1185, 0.2516, 0.1596
Android (android.graphics.Color)	4280684858 (0xFF26113A)
YUV	27.9530, 14.8132, 8.8112
Hunter-Lab	10.5757, 11.2574, -15.7280

# Details

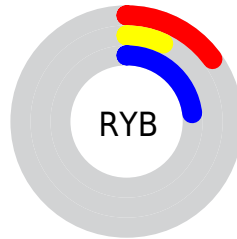
The Hex color **26113A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **253A11**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **553C6A**, and **00000C** is the 20% darker color. If you saturate the color by 10%, you get **230B3A**, and if you desaturate by 10%, it is **29173A**.

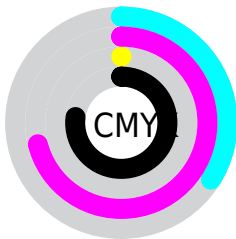
# Distribution



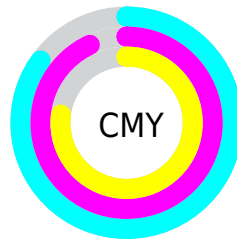
- Red (15%)
- Green (7%)
- Blue (23%)



- Red (15%)
- Yellow (7%)
- Blue (23%)



- Cyan (34%)
- Magenta (71%)
- Yellow (0%)
- Black (77%)



- Cyan (85%)
- Magenta (93%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26113A 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 26113A by changing the saturation by 10% instead.



 26113A

 26113A

 FFF3FF

 150025

 553C6A

 00000C

 6E5483

 000000

 876C9D

 A286B8

 BDA0D4

 D9BBF0

 F6D7FF

 26113A

 26113A

■ 230B3A

■ 29173A

■ 20053A

■ 2C1D3A

■ 1E003A

■ 2E223A

■ 31283A

■ 342E3A

■ 37343A

■ 3A3A3A

■ 3D3F3A

■ 3F453A

# Harmonies

## Analogous

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



001B44



26113A



390428

# Triad

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



26113A



2D1600



002524

# Complementary

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



26113A



253A11

# 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.



00240C



26113A



1C1D00

# Square

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



26113A



3A0A00



012200



002437

# Rectangle

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



26113A



3E011B



012200



00251C



# Sweetspot

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



26113A



453C4D



11263A



221D26



A6A6A6



262626



# Same Dimension

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



26113A



2D0B4D



3A113A



1B191C



2F005C



7000DB



# Inverse Universe

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



3A1125



4D0B2B



113A11



1C191B



5C002D



DB006B



# Previews

## White Background



This preview shows how the Hex color 26113A looks on a white background.

## Color Contrast Check

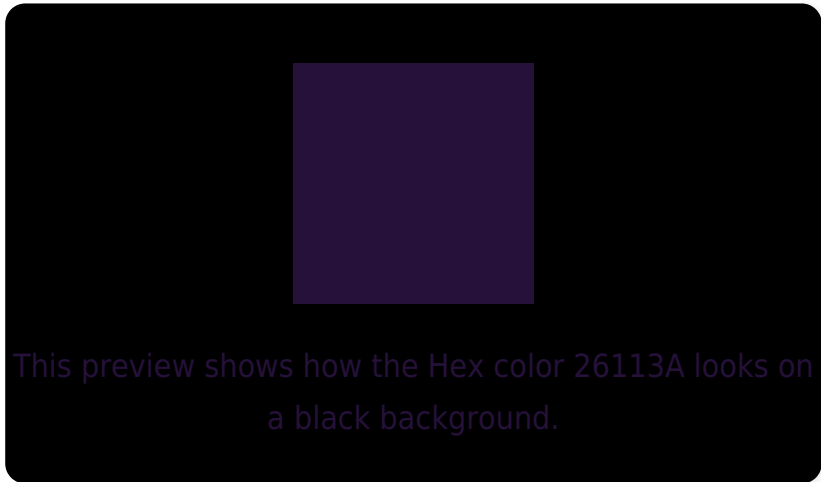
Large Text (above 18pt) WCAG AA ✓ Pass

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

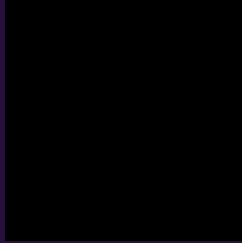
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 26113A Background



This preview shows how black text looks on a background with the Hex color 26113A.



This preview shows how white text looks on a background with the Hex color 26113A.

# 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**  
26113A

**Protanopia**  
001B3A

**Deuteranopia**  
001D32



# Trichromacy



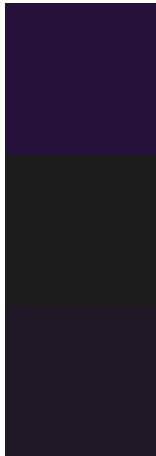
**Original Color**  
26113A

**Protanomaly**  
0E173A

**Deuteranomaly**  
0E1935

**Tritanomaly**  
221728

# Monochromacy



**Original Color**  
26113A

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
201827

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26113A 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 #26113A looks like.

```
.text, #text, p{  
    color:#26113A  
}
```

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 #26113A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26113A
}
```

## Border

The CSS property to change the border of an element to Hex 26113A 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".

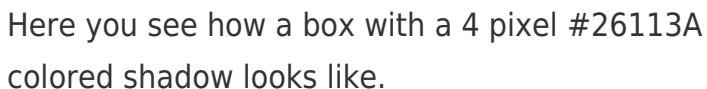
```
.border, #border, table{ border:4px solid
#26113A }
```

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

```
.border{ border-color:#26113A }
```

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

Here you see how a box with a 4 pixel #26113A colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26113A; -webkit-box-shadow:4px 4px  
4px 4px #26113A; box-shadow:4px 4px 4px  
4px #26113A }
```

# Background

The CSS property to change the background color of an element to Hex 26113A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26113A }
```

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

```
.background{ background-color:#26113A }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor