

# Converting Colors

Hex(26254D)

Have a look what the booklet for  
Hex(26254D) contains.

<b>Hex(26254D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(26254D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	26254D
RGB	38, 37, 77
RGB Percent	15%, 15%, 30%
CMY	0.8510, 0.8549, 0.6980
CMYK	0.51, 0.52, 0.00, 0.70
HSL	242°, 35%, 22%
HSV	242°, 52%, 30%
XYZ	2.8005, 2.2710, 7.3119
YIQ	41.8590, -12.2440, 12.6520

# Conversions

## Conversions Part 2

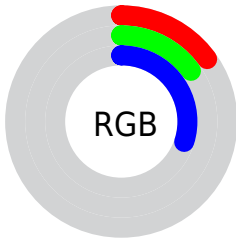
Format	Color
<a href="#">RYB</a>	<a href="#">38, 37, 77</a>
Decimal	<a href="#">2499917</a>
CIELab	<a href="#">16.85, 12.84, -24.66</a>
CIELCh	<a href="#">17, 27.797, 297.503</a>
Yxy	<a href="#">2.2710, 0.2261, 0.1834</a>
Android (android.graphics.Color)	<a href="#">4280689997</a> (0xFF26254D)
YUV	<a href="#">41.8590, 17.3245, -3.3843</a>
Hunter-Lab	<a href="#">15.0699, 6.7984, -18.2186</a>

# Details

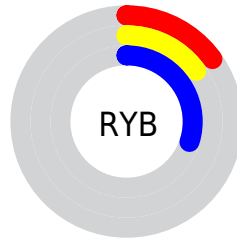
The Hex color **26254D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4C4D25**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **56527E**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **1E1D4D**, and if you desaturate by 10%, it is **2E2D4D**.

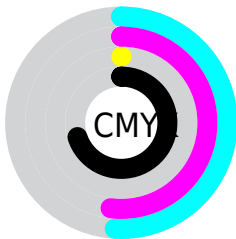
# Distribution



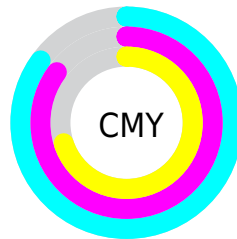
- Red (15%)
- Green (15%)
- Blue (30%)



- Red (15%)
- Yellow (15%)
- Blue (30%)



- Cyan (51%)
- Magenta (52%)
- Yellow (0%)
- Black (70%)



- Cyan (85%)
- Magenta (85%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26254D 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 26254D by changing the saturation by 10% instead.



■ 26254D

■ 26254D

FFFFFF

■ 0E1136

■ 56527E

■ 000220

■ 6F6A98

■ 000005

■ 8983B3

■ 000000

■ A39DCF

■ BFB8EB

■ DBD3FF

■ F8F0FF

■ 26254D

■ 26254D

■ 1E1D4D

■ 2E2D4D

■ 17164D

■ 35344D

■ 0F0E4D

■ 3D3C4D

■ 08064D

■ 44444D

■ 02004D

■ 4C4C4D

■ 53534D

■ 5B5B4D

■ 62634D

■ 6A6A4D

# Harmonies

## Analogous

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



002C51



26254D



401C3F

# Triad

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



26254D



442004



003327

# Complementary

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



26254D



4C4D25

# 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.



033113



26254D



362800

# Square

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



26254D



4C1818



222E00



00333B

# Rectangle

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



26254D



491733



222E00



003220



# Sweetspot

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



26254D



545463



254C4D



2A2933



B3B3B3



333333



# Same Dimension

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



26254D



272663



3A254D



232226



030066



0600E6



# Inverse Universe

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



4D254C



632662



384D25



262226



660063



E600E0



# Previews

## White Background



This preview shows how the Hex color 26254D looks on a white background.

## Color Contrast Check

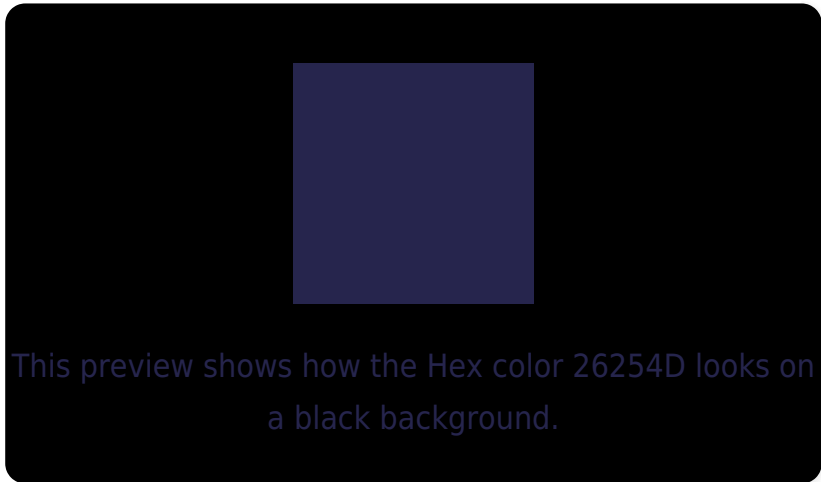
Large Text (above 18pt) WCAG AA ✓ Pass

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

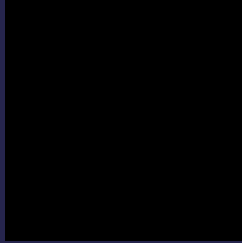
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 26254D Background



This preview shows how black text looks on a background with the Hex color 26254D.



This preview shows how white text looks on a background with the Hex color 26254D.

# 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**  
26254D

**Protanopia**  
122851

**Deuteranopia**  
002B4B



**Tritanopia**  
1D2C30

# Trichromacy



**Original Color**  
26254D

**Protanomaly**  
192750

**Deuteranomaly**  
0E294C

**Tritanomaly**  
20293B

# Monochromacy



**Original Color**  
26254D

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
292837

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26254D 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 #26254D looks like.

```
.text, #text, p{  
    color:#26254D  
}
```

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 #26254D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26254D
}
```

## Border

The CSS property to change the border of an element to Hex 26254D is called "border". The border property can be set on classes, ids or directly on the HTML element.

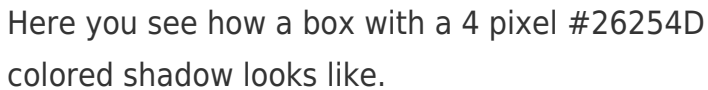
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#26254D }
```

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

```
.border{ border-color:#26254D }
```

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



Here you see how a box with a 4 pixel #26254D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26254D; -webkit-box-shadow:4px 4px  
4px 4px #26254D; box-shadow:4px 4px 4px  
4px #26254D }
```

# Background

The CSS property to change the background color of an element to Hex 26254D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26254D }
```

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

```
.background{ background-color:#26254D }
```

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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