

# Converting Colors

Hex(28154D)

Have a look what the booklet for  
Hex(28154D) contains.

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# Color

**Hex(28154D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	28154D
RGB	40, 21, 77
RGB Percent	16%, 8%, 30%
CMY	0.8431, 0.9176, 0.6980
CMYK	0.48, 0.73, 0.00, 0.70
HSL	260°, 57%, 19%
HSV	260°, 73%, 30%
XYZ	2.4828, 1.5233, 7.1843
YIQ	33.0650, -6.6520, 21.4440

# Conversions

## Conversions Part 2

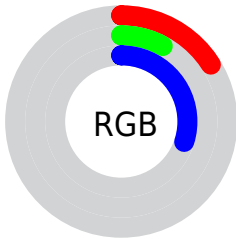
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 21, 77
Decimal	2626893
CIE Lab	12.76, 24.41, -31.24
CIE LCh	13, 39.646, 308.004
Yxy	1.5233, 0.2219, 0.1361
Android (android.graphics.Color)	4280816973 (0xFF28154D)
YUV	33.0650, 21.6600, 6.0820
Hunter-Lab	12.3421, 14.3093, -25.8733

# Details

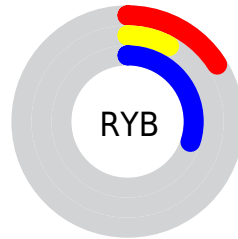
The Hex color **28154D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3A4D15**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **59417F**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **230D4D**, and if you desaturate by 10%, it is **2D1D4D**.

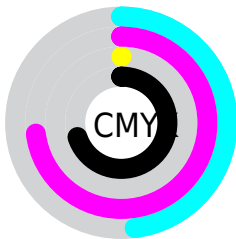
# Distribution



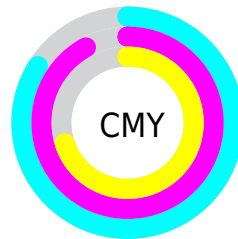
- Red (16%)
- Green (8%)
- Blue (30%)



- Red (16%)
- Yellow (8%)
- Blue (30%)



- Cyan (48%)
- Magenta (73%)
- Yellow (0%)
- Black (70%)



- Cyan (84%)
- Magenta (92%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 28154D 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 28154D by changing the saturation by 10% instead.



 28154D

 28154D

 FFF9FF

 130036

 59417F

 000220

 725999

 000004

 8D71B4

 000000

 A88BCF

 C3A6EC

 E0C1FF

 FDDDFD

 28154D

 28154D

■ 230D4D

■ 2D1D4D

■ 1E064D

■ 32244D

■ 1A004D

■ 372C4D

■ 3C344D

■ 413B4D

■ 47434D

■ 4C4B4D

■ 51534D

■ 565A4D

# Harmonies

## Analogous

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



002358



28154D



460036

# Triad

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



28154D



3A1800



002D28

# Complementary

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



28154D



3A4D15

# 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.



002B08



28154D



242200

# Square

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



28154D



4A0300



032800



002C43

# Rectangle

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



28154D



4E0024



032800



002C1E



# Sweetspot

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



28154D



554E63



153A4D



2A2633



B3B3B3



333333



# Same Dimension

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



28154D



2A0D63



44154D



242226



230066



4E00E6



# Inverse Universe

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



4D153A



630D46



1E4D15



262225



660043



E60098



# Previews

## White Background



This preview shows how the Hex color 28154D looks on a white background.

## Color Contrast Check

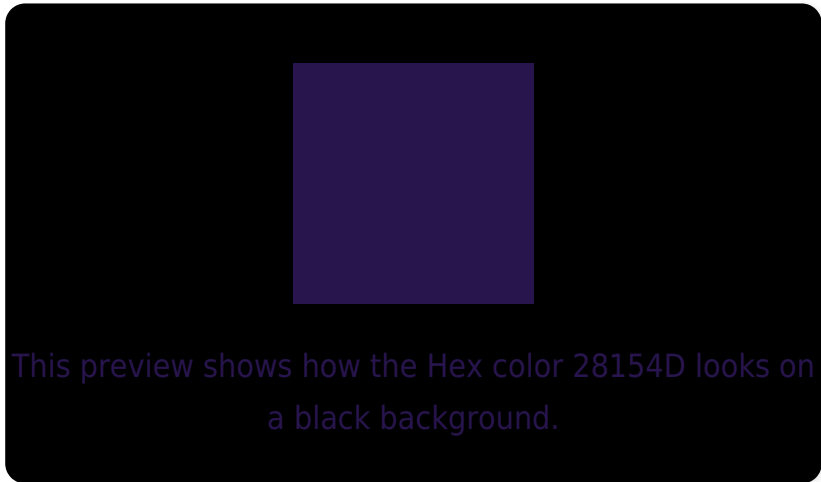
Large Text (above 18pt) WCAG AA ✓ Pass

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

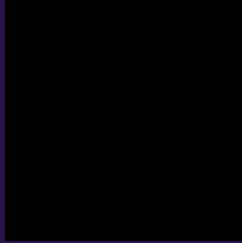
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 28154D Background



This preview shows how black text looks on a background with the Hex color 28154D.



This preview shows how white text looks on a background with the Hex color 28154D.

# 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**  
28154D

**Protanopia**  
002145

**Deuteranopia**  
00233C



**Tritanopia**  
1D2326

# Trichromacy



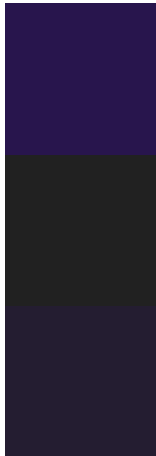
**Original Color**  
28154D

**Protanomaly**  
0F1D48

**Deuteranomaly**  
0F1E42

**Tritanomaly**  
211E34

# Monochromacy



**Original Color**  
28154D

**Achromatopsia**  
212121

**Achromatomaly**  
241D31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 28154D 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 #28154D looks like.

```
.text, #text, p{  
    color:#28154D  
}
```

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 #28154D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28154D
}
```

## Border

The CSS property to change the border of an element to Hex 28154D is called "border". The border property can be set on classes, ids or directly on the HTML element.

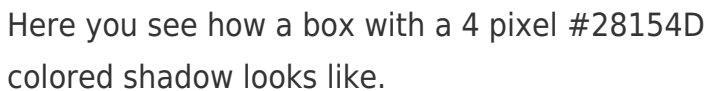
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28154D }
```

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

```
.border{ border-color:#28154D }
```

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



Here you see how a box with a 4 pixel #28154D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28154D; -webkit-box-shadow:4px 4px  
4px 4px #28154D; box-shadow:4px 4px 4px  
4px #28154D }
```

# Background

The CSS property to change the background color of an element to Hex 28154D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28154D }
```

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

```
.background{ background-color:#28154D }
```

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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