

# Converting Colors

Hex(264D45)

Have a look what the booklet for  
Hex(264D45) contains.

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# Color

**Hex(264D45)**

# Conversions

## Conversions Part 1

Format	Color
Hex	264D45
RGB	38, 77, 69
RGB Percent	15%, 30%, 27%
CMY	0.8510, 0.6980, 0.7294
CMYK	0.51, 0.00, 0.10, 0.70
HSL	168°, 34%, 23%
HSV	168°, 51%, 30%
XYZ	4.5274, 6.1495, 6.5786
YIQ	64.4270, -20.6760, -10.7560

# Conversions

## Conversions Part 2

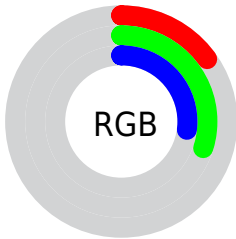
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 60, 77
Decimal	2510149
CIE <sub>Lab</sub>	29.79, -16.11, 0.46
CIE <sub>LCh</sub>	30, 16.115, 178.353
Yxy	6.1495, 0.2624, 0.3564
Android (android.graphics.Color)	4280700229 (0xFF264D45)
YUV	64.4270, 2.2545, -23.1765
Hunter-Lab	24.7982, -10.8082, 1.6300

# Details

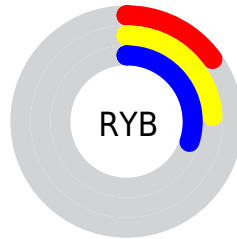
The Hex color **264D45** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4D262E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **567E75**, and **00211A** is the 20% darker color. If you saturate the color by 10%, you get **1E4D43**, and if you desaturate by 10%, it is **2E4D47**.

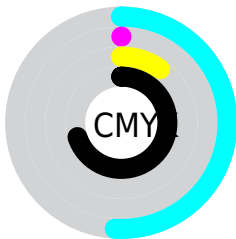
# Distribution



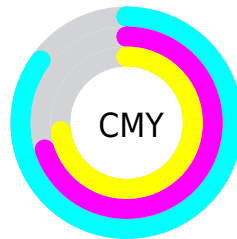
- Red (15%)
- Green (30%)
- Blue (27%)



- Red (15%)
- Yellow (24%)
- Blue (30%)



- Cyan (51%)
- Magenta (0%)
- Yellow (10%)
- Black (70%)



- Cyan (85%)
- Magenta (70%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 264D45 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 264D45 by changing the saturation by 10% instead.



 264D45

 264D45

FFFFFF

 0E362F

 567E75

 00211A

 6F988F

 000000

 89B3A9

 A4CFC4

 BFEBE0

 DBFFFD

 F8FFFF

 264D45

 264D45

■ 1E4D43

■ 2E4D47

■ 174D42

■ 354D48

■ 0F4D40

■ 3D4D4A

■ 074D3F

■ 454D4B

■ 004D3D

■ 4D4D4D

■ 544D4E

■ 5C4D50

■ 644D52

■ 6B4D53

# Harmonies

## Analogous

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



344C39



264D45



1E4D52

# Triad

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



264D45



47435C



5A4131

# Complementary

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



264D45



4D262E

# 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.



5F3E3B



264D45



553F53

# Square

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



264D45



35485F



5E3D47



50452D

# Rectangle

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



264D45



204C58



5E3D47



5C4034



# Sweetspot

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



264D45



556360



2E4D26



2A3331



B3B3B3



333333



# Same Dimension

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



264D45



276357



26424D



222625



006651



00E6B6



# Inverse Universe

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



4D262E



632733



4D3126



262223



660015



E6002F



# Previews

## White Background



This preview shows how the Hex color 264D45 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

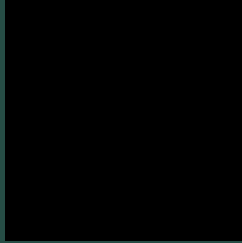
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 264D45 Background



This preview shows how black text looks on a background with the Hex color 264D45.



This preview shows how white text looks on a background with the Hex color 264D45.

# 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**  
264D45

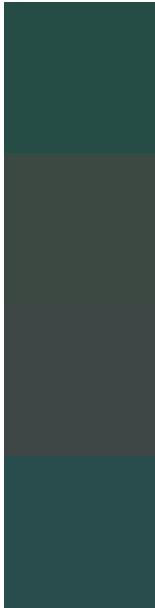
**Protanopia**  
484641

**Deuteranopia**  
4C4447



**Tritanopia**  
2A4B51

# Trichromacy



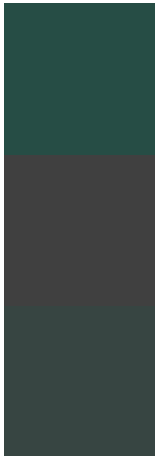
**Original Color**  
264D45

**Protanomaly**  
3C4942

**Deuteranomaly**  
3E4746

**Tritanomaly**  
294C4D

# Monochromacy



**Original Color**  
264D45

**Achromatopsia**  
404040

**Achromatomaly**  
374542

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 264D45 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 #264D45 looks like.

```
.text, #text, p{  
    color:#264D45  
}
```

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 #264D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #264D45
}
```

## Border

The CSS property to change the border of an element to Hex 264D45 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".

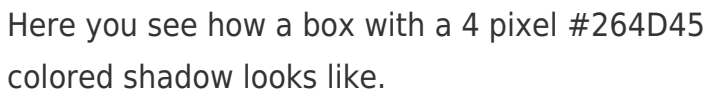
```
.border, #border, table{ border:4px solid
#264D45 }
```

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

```
.border{ border-color:#264D45 }
```

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

Here you see how a box with a 4 pixel #264D45 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #264D45 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #264D45; -webkit-box-shadow:4px 4px  
4px 4px #264D45; box-shadow:4px 4px 4px  
4px #264D45 }
```

# Background

The CSS property to change the background color of an element to Hex 264D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#264D45 }
```

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

```
.background{ background-color:#264D45 }
```

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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