

Converting Colors

Hex(264156)

Have a look what the booklet for
Hex(264156) contains.

Hex(264156)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(264156)

Conversions

Conversions Part 1

Format	Color
Hex	264156
RGB	38, 65, 86
RGB Percent	15%, 25%, 34%
CMY	0.8510, 0.7451, 0.6627
CMYK	0.56, 0.24, 0.00, 0.66
HSL	206°, 39%, 24%
HSV	206°, 56%, 34%
XYZ	4.3693, 4.8645, 9.5128
YIQ	59.3210, -22.8330, 0.8070

Conversions

Conversions Part 2

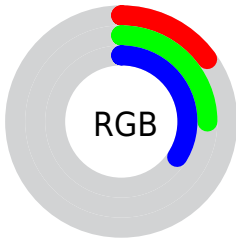
Format	Color
RYB	38, 55, 86
Decimal	2507094
CIELab	26.35, -3.41, -15.74
CIElCh	26, 16.101, 257.776
Yxy	4.8645, 0.2331, 0.2595
Android (android.graphics.Color)	4280697174 (0xFF264156)
YUV	59.3210, 13.1527, -18.6985
Hunter-Lab	22.0557, -3.2358, -10.1331




Details

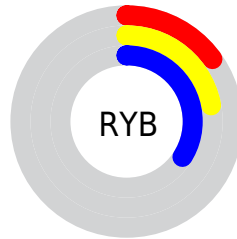
The Hex color **264156** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **563B26**, and the grayscale version is **3B3B3B**.




A 20% lighter version of the original color is **577188**, and **001729** is the 20% darker color. If you saturate the color by 10%, you get **1D3D56**, and if you desaturate by 10%, it is **2F4556**.

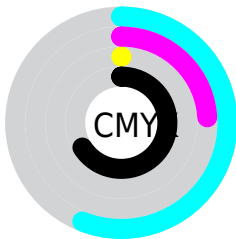
Distribution







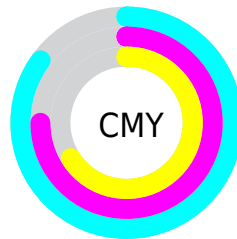
-  Red (15%)
-  Green (25%)
-  Blue (34%)






-  Red (15%)
-  Yellow (22%)
-  Blue (34%)



-  Cyan (56%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (85%)
-  Magenta (75%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 264156 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 264156 by changing the saturation by 10% instead.

■ 264156

■ 264156

FFFFFF

■ 0D2B3F

■ 577188

■ 001729

■ 708AA2

■ 000114

■ 8AA4BD

■ 000000

■ A5BFD9

■ C0DBF5

■ DDF8FF

■ F9FFFF

■ 264156

■ 264156

■ 1D3D56

■ 2F4556

■ 153956

■ 374956

■ 0C3656

■ 404C56

■ 043256

■ 485056

■ 003056

■ 515456

■ 5A5856

■ 625B56

■ 6B5F56

■ 736356

Harmonies

Analogous

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



174450



264156



393D56

Triad

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



264156



573537



31432E

Complementary

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



264156



563B26

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.



3F4027



264156



54382D

Square

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



264156



533644



4B3C26



234539

Rectangle

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



264156



443A52



4B3C26



36422B

Sweetspot

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



264156



5D6870



26563B



2D3338



B8B8B8



383838

Same Dimension

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



264156



254F70



262956



27292B



003C6B



0084EB

Inverse Universe

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



562641



70254F



565326



2B2729



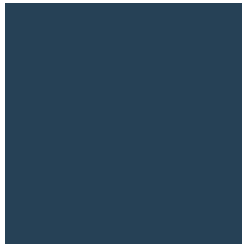
6B003C



EB0084

Previews

White Background



This preview shows how the Hex color 264156 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

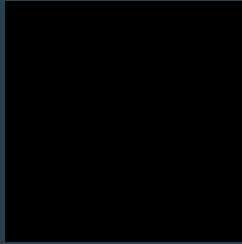
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

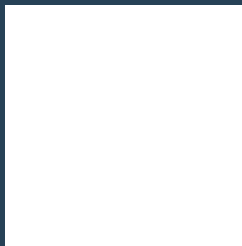
Any Text WCAG AAA × Fail

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

Hex 264156 Background



This preview shows how black text looks on a background with the Hex color 264156.

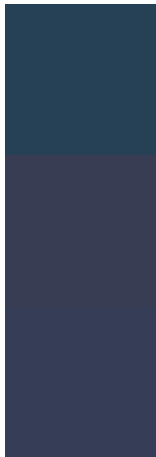


This preview shows how white text looks on a background with the Hex color 264156.

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](#).

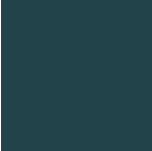
Dichromacy



Original Color
264156

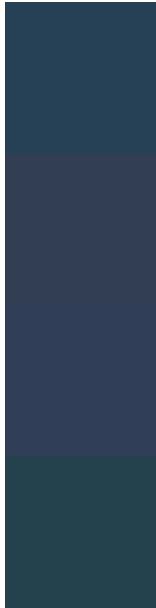
Protanopia
383D53

Deuteranopia
363D57



Tritanopia
214349

Trichromacy



Original Color
264156

Protanomaly
313E54

Deuteranomaly
303E57

Tritanomaly
23424E

Monochromacy



Original Color
264156

Achromatopsia
3B3B3B

Achromatomaly
333D45

CSS Examples

Text

The CSS property to change the color of the text to Hex 264156 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 #264156 looks like.

```
.text, #text, p{  
    color:#264156  
}
```

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 #264156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #264156
}
```

Border

The CSS property to change the border of an element to Hex 264156 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
#264156 }
```

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

```
.border{ border-color:#264156 }
```

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

Here you see how a box with a 4 pixel #264156 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #264156; -webkit-box-shadow:4px 4px  
4px 4px #264156; box-shadow:4px 4px 4px  
4px #264156 }
```

Background

The CSS property to change the background color of an element to Hex 264156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#264156 }
```

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

```
.background{ background-color:#264156 }
```

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