

Converting Colors

Hex(264744)

Have a look what the booklet for
Hex(264744) contains.

Hex(264744)	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(264744)

Conversions

Conversions Part 1

Format	Color
Hex	264744
RGB	38, 71, 68
RGB Percent	15%, 28%, 27%
CMY	0.8510, 0.7216, 0.7333
CMYK	0.46, 0.00, 0.04, 0.72
HSL	175°, 30%, 21%
HSV	175°, 46%, 28%
XYZ	4.0960, 5.3359, 6.2829
YIQ	60.7910, -18.7050, -7.9290

Conversions

Conversions Part 2

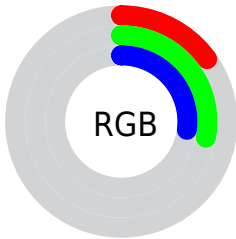
Format	Color
R_YB	38, 55, 71
Decimal	2508612
CIE Lab	27.67, -12.94, -1.99
CIE LCh	28, 13.092, 188.744
Yxy	5.3359, 0.2606, 0.3395
Android (android.graphics.Color)	4280698692 (0xFF264744)
YUV	60.7910, 3.5540, -19.9877
Hunter-Lab	23.0996, -8.7731, 0.0433

Details

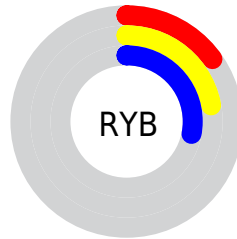
The Hex color **264744** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **472629**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **557874**, and **001C19** is the 20% darker color. If you saturate the color by 10%, you get **1F4743**, and if you desaturate by 10%, it is **2D4745**.

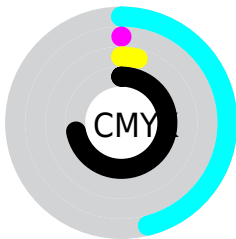
Distribution



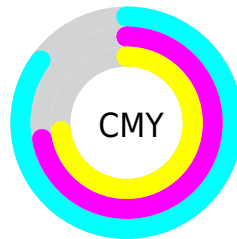
- Red (15%)
- Green (28%)
- Blue (27%)



- Red (15%)
- Yellow (22%)
- Blue (28%)



- Cyan (46%)
- Magenta (0%)
- Yellow (4%)
- Black (72%)



- Cyan (85%)
- Magenta (72%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 264744 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 264744 by changing the saturation by 10% instead.

■ 264744

■ 264744

FFFFFF

■ 0F302E

■ 557874

■ 001C19

■ 6E918E

■ 000000

■ 88ACA8

■ A3C7C3

■ BEE3DF

■ DAFFFC

■ F7FFFF

■ 264744

■ 264744

■ 1F4743

■ 2D4745

■ 184743

■ 344745

■ 114742

■ 3B4746

■ 0A4741

■ 424747

■ 024741

■ 4A4747

■ 004741

■ 514748

■ 584749

■ 5F4749

■ 66474A

Harmonies

Analogous

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



2F463A



264744



24464E

Triad

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



264744



473E51



4F3E2F

Complementary

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



264744



472629

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.



553B35



264744



513B49

Square

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



264744



394155



553A3F



46422D

Rectangle

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



264744



284552



553A3F



513D31

Sweetspot

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



264744



4F5C5B



294726



262E2D



ADADAD



2E2E2E

Same Dimension

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



264744



285C57



263A47



202423



00635A



00E3CE

Inverse Universe

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



472629



5C282D



473326



242020



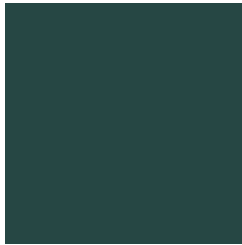
630009



E30015

Previews

White Background



This preview shows how the Hex color 264744 looks on a white background.

Color Contrast Check

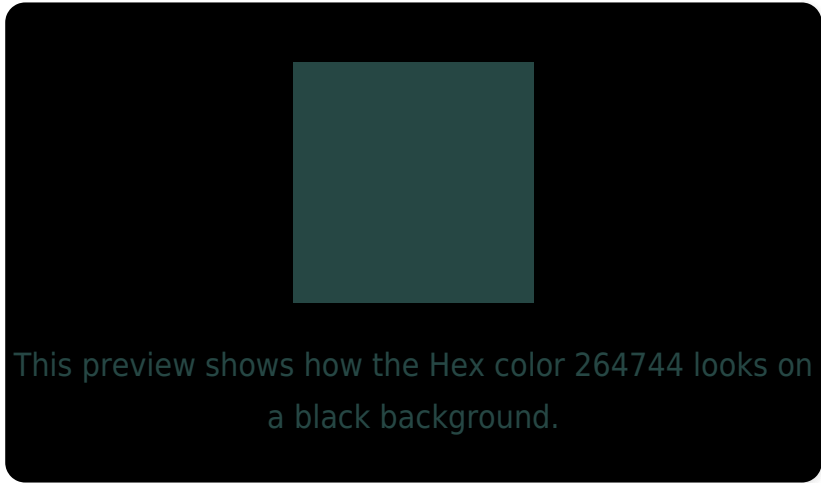
Large Text (above 18pt) WCAG AA ✓ Pass

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

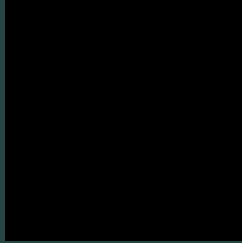
Any Text WCAG AA × Fail

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 264744 Background



This preview shows how black text looks on a background with the Hex color 264744.



This preview shows how white text looks on a background with the Hex color 264744.

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](#).

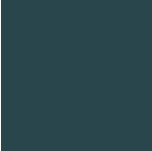
Dichromacy



Original Color
264744

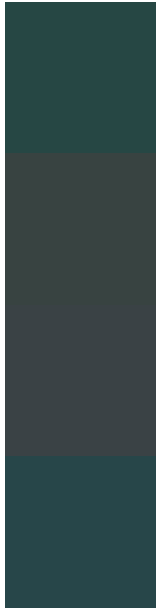
Protanopia
424140

Deuteranopia
453F46



Tritanopia
28464C

Trichromacy



Original Color

264744

Protanomaly

384341

Deuteranomaly

3A4245

Tritanomaly

274649

Monochromacy



Original Color

264744

Achromatopsia

3D3D3D

Achromatomaly

354140

CSS Examples

Text

The CSS property to change the color of the text to Hex 264744 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 #264744 looks like.

```
.text, #text, p{  
    color:#264744  
}
```

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 #264744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #264744
}
```

Border

The CSS property to change the border of an element to Hex 264744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

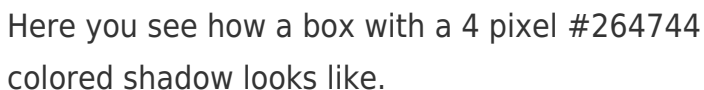
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#264744 }
```

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

```
.border{ border-color:#264744 }
```

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



Here you see how a box with a 4 pixel #264744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #264744; -webkit-box-shadow:4px 4px  
4px 4px #264744; box-shadow:4px 4px 4px  
4px #264744 }
```

Background

The CSS property to change the background color of an element to Hex 264744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#264744 }
```

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

```
.background{ background-color:#264744 }
```

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