

Converting Colors

Hex(264B81)

Have a look what the booklet for
Hex(264B81) contains.

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Color

Hex(264B81)

Conversions

Conversions Part 1

Format	Color
Hex	264B81
RGB	38, 75, 129
RGB Percent	15%, 29%, 51%
CMY	0.8510, 0.7059, 0.4941
CMYK	0.71, 0.42, 0.00, 0.49
HSL	216°, 54%, 33%
HSV	216°, 71%, 51%
XYZ	7.2779, 7.0292, 21.7421
YIQ	70.0930, -39.3860, 8.9500

Conversions

Conversions Part 2

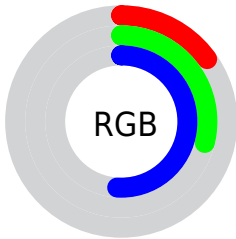
Format	Color
R_YB	38, 64, 129
Decimal	2509697
CIE Lab	31.87, 5.97, -34.36
CIE LCh	32, 34.873, 279.857
Yxy	7.0292, 0.2019, 0.1950
Android (android.graphics.Color)	4280699777 (0xFF264B81)
YUV	70.0930, 29.0412, -28.1456
Hunter-Lab	26.5126, 2.6020, -30.0627




Details

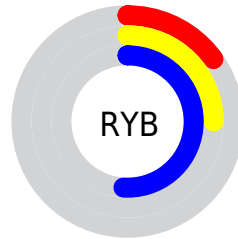
The Hex color **264B81** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **815C26**, and the grayscale version is **464646**.




A 20% lighter version of the original color is **5E7BB6**, and **00204F** is the 20% darker color. If you saturate the color by 10%, you get **194381**, and if you desaturate by 10%, it is **335381**.

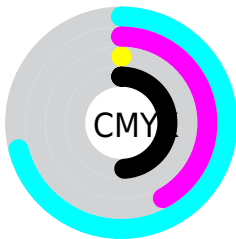
Distribution







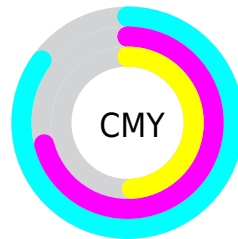
-  Red (15%)
-  Green (29%)
-  Blue (51%)






-  Red (15%)
-  Yellow (25%)
-  Blue (51%)



-  Cyan (71%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (85%)
-  Magenta (71%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 264B81 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 264B81 by changing the saturation by 10% instead.

■ 264B81

■ 264B81

FFFFFF

■ 003568

■ 5E7BB6

■ 00204F

■ 7995D2

■ 000738

■ 95B0EF

■ 000222

■ B1CBFF

■ 000008

■ CDE7FF

■ 000000

■ EAFFFF

■ 264B81

■ 264B81

■ 194381

■ 335381

■ 0C3C81

■ 405A81

■ 003481

■ 4D6281

■ 5A6A81

■ 677181

■ 737981

■ 808181

■ 8D8881

■ 9A9081

Harmonies

Analogous

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



00537E



264B81



584075

Triad

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



264B81



783829



005737

Complementary

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



264B81



815C26

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.



33531E



264B81



694316

Square

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



264B81



7D3243



514C10



005853

Rectangle

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



264B81



6C3867



514C10



16562E

Sweetspot

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



264B81



8593A8



26815B



3F4854



D4D4D4



545454

Same Dimension

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



264B81



1953A8



2E2681



393C40



003480



000000

Inverse Universe

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



81264B



A81953



798126



40393C



800034



000000

Previews

White Background



This preview shows how the Hex color 264B81 looks on a white background.

Color Contrast Check

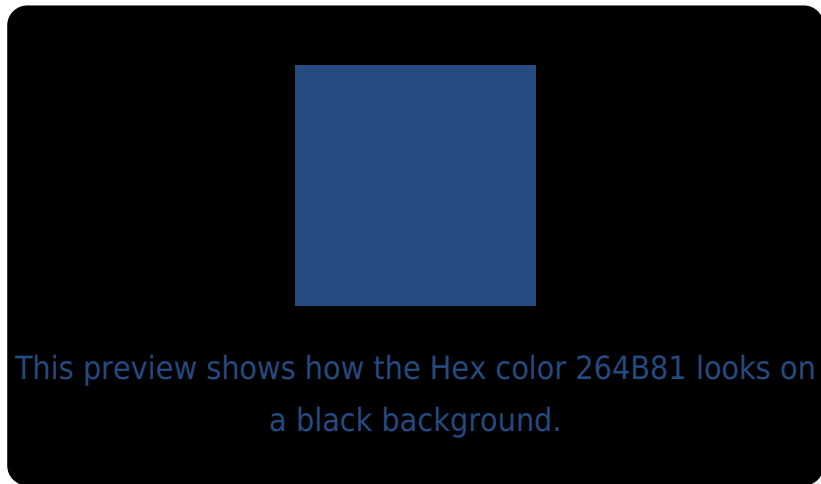
Large Text (above 18pt) WCAG AA ✓ Pass

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 264B81 Background



This preview shows how black text looks on a background with the Hex color 264B81.



This preview shows how white text looks on a background with the Hex color 264B81.

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
264B81

Protanopia
34497F

Deuteranopia
214C81



Tritanopia
00535A

Trichromacy



Original Color
264B81

Protanomaly
2F4A80

Deuteranomaly
234C81

Tritanomaly
0E5068

Monochromacy



Original Color
264B81

Achromatopsia
464646

Achromatomaly
3A485B

CSS Examples

Text

The CSS property to change the color of the text to Hex 264B81 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 #264B81 looks like.

```
.text, #text, p{  
    color:#264B81  
}
```

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 #264B81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #264B81
}
```

Border

The CSS property to change the border of an element to Hex 264B81 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
#264B81 }
```

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

```
.border{ border-color:#264B81 }
```

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

Here you see how a box with a 4 pixel #264B81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #264B81; -webkit-box-shadow:4px 4px  
4px 4px #264B81; box-shadow:4px 4px 4px  
4px #264B81 }
```

Background

The CSS property to change the background color of an element to Hex 264B81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#264B81 }
```

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

```
.background{ background-color:#264B81 }
```

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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