

Converting Colors

Hex(265170)

Have a look what the booklet for
Hex(265170) contains.

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Color

Hex(265170)

Conversions

Conversions Part 1

Format	Color
Hex	265170
RGB	38, 81, 112
RGB Percent	15%, 32%, 44%
CMY	0.8510, 0.6824, 0.5608
CMYK	0.66, 0.28, 0.00, 0.56
HSL	205°, 49%, 29%
HSV	205°, 66%, 44%
XYZ	6.6664, 7.4668, 16.4191
YIQ	71.6770, -35.5790, 0.5250

Conversions

Conversions Part 2

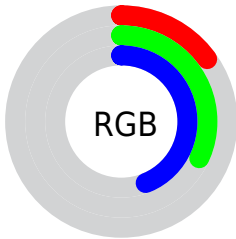
Format	Color
R_{YB}	38, 65, 112
Decimal	2511216
CIE _{Lab}	32.85, -4.35, -22.23
CIE _{LCh}	33, 22.656, 258.938
Yxy	7.4668, 0.2182, 0.2444
Android (android.graphics.Color)	4280701296 (0xFF265170)
YUV	71.6770, 19.8792, -29.5347
Hunter-Lab	27.3254, -4.2721, -16.4980




Details

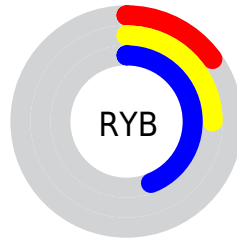
The Hex color **265170** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **704526**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **5B82A4**, and **002540** is the 20% darker color. If you saturate the color by 10%, you get **1B4C70**, and if you desaturate by 10%, it is **315670**.

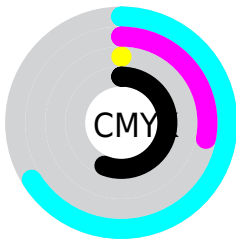
Distribution







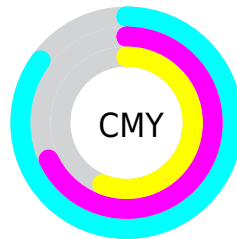
-  Red (15%)
-  Green (32%)
-  Blue (44%)






-  Red (15%)
-  Yellow (25%)
-  Blue (44%)



-  Cyan (66%)
-  Magenta (28%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (85%)
-  Magenta (68%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 265170 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 265170 by changing the saturation by 10% instead.

■ 265170

■ 265170

FFFFFF

■ 033A57

■ 5B82A4

■ 002540

■ 759CBF

■ 000F2A

■ 90B7DB

■ 000115

■ ACD3F7

■ 000000

■ C8EFFF

■ E5FFFF

■ 265170

■ 265170

■ 1B4C70

■ 315670

■ 104870

■ 3C5A70

■ 044370

■ 485F70

■ 004170

■ 536470

■ 5E6870

■ 696D70

■ 747270

■ 807770

■ 8B7B70

Harmonies

Analogous

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



005568



265170



454B6F

Triad

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



265170



704043



395435

Complementary

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



265170



704526

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.



4D502B



265170



6B4433

Square

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



265170



6C4055



5F4A2A



215646

Rectangle

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



265170



564769



5F4A2A



405331

Sweetspot

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



265170



748591



267045



38434A



C9C9C9



4A4A4A

Same Dimension

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



265170



1F6191



262C70



323638



004678



0090F7

Inverse Universe

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



702651



911F61



706A26



383236



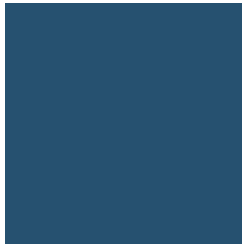
780046



F70090

Previews

White Background



This preview shows how the Hex color 265170 looks on a white background.

Color Contrast Check

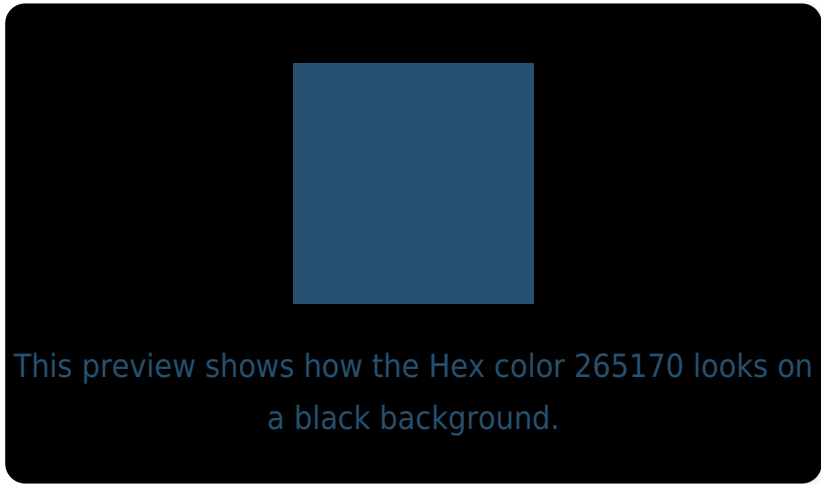
Large Text (above 18pt) WCAG AA ✓ Pass

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

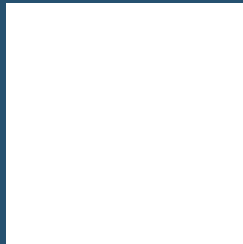
Any Text WCAG AAA × Fail

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

Hex 265170 Background



This preview shows how black text looks on a background with the Hex color 265170.

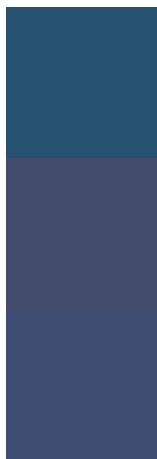


This preview shows how white text looks on a background with the Hex color 265170.

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
265170

Protanopia
434C6C

Deuteranopia
3E4D71



Tritanopia
1A555C

Trichromacy



Original Color
265170

Protanomaly
384E6D

Deuteranomaly
354E71

Tritanomaly
1E5463

Monochromacy



Original Color
265170

Achromatopsia
484848

Achromatomaly
3C4B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 265170 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 #265170 looks like.

```
.text, #text, p{  
    color:#265170  
}
```

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 #265170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #265170  
}
```

Border

The CSS property to change the border of an element to Hex 265170 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  
#265170 }
```

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

```
.border{ border-color:#265170 }
```

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

Here you see how a box with a 4 pixel #265170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #265170; -webkit-box-shadow:4px 4px  
4px 4px #265170; box-shadow:4px 4px 4px  
4px #265170 }
```

Background

The CSS property to change the background color of an element to Hex 265170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#265170 }
```

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

```
.background{ background-color:#265170 }
```

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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