

Converting Colors

Hex(263164)

Have a look what the booklet for
Hex(263164) contains.

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Color

Hex(263164)

Conversions

Conversions Part 1

Format	Color
Hex	263164
RGB	38, 49, 100
RGB Percent	15%, 19%, 39%
CMY	0.8510, 0.8078, 0.6078
CMYK	0.62, 0.51, 0.00, 0.61
HSL	229°, 45%, 27%
HSV	229°, 62%, 39%
XYZ	4.1979, 3.5288, 12.5165
YIQ	51.5250, -22.9270, 13.5290

Conversions

Conversions Part 2

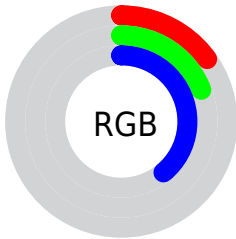
Format	Color
R_{YB}	38, 47, 100
Decimal	2503012
CIE _{Lab}	22.05, 12.74, -31.65
CIE _{LCh}	22, 34.113, 291.928
Yxy	3.5288, 0.2074, 0.1743
Android (android.graphics.Color)	4280693092 (0xFF263164)
YUV	51.5250, 23.8982, -11.8614
Hunter-Lab	18.7851, 7.0154, -26.3552




Details

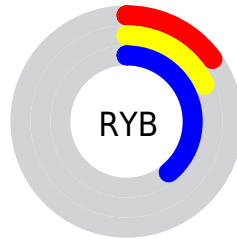
The Hex color **263164** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **645926**, and the grayscale version is **333333**.




A 20% lighter version of the original color is **595F97**, and **000235** is the 20% darker color. If you saturate the color by 10%, you get **1C2964**, and if you desaturate by 10%, it is **303964**.

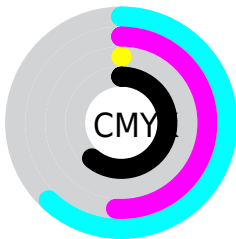
Distribution







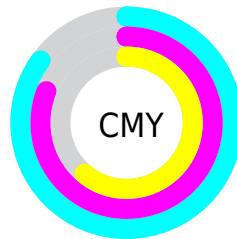
-  Red (15%)
-  Green (19%)
-  Blue (39%)






-  Red (15%)
-  Yellow (18%)
-  Blue (39%)



-  Cyan (62%)
-  Magenta (51%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (85%)
-  Magenta (81%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 263164 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 263164 by changing the saturation by 10% instead.

■ 263164

■ 263164

FFFFFF

■ 081C4C

■ 595F97

■ 000235

■ 7378B2

■ 00021F

■ 8E91CE

■ 000002

■ A9ACEA

■ 000000

■ C5C7FF

■ E1E3FF

FEFFFF

■ 263164

■ 263164

■ 1C2964

■ 303964

■ 122164

■ 3A4164

■ 081864

■ 444A64

■ 001264

■ 4E5264

■ 585A64

■ 626264

■ 6C6B64

■ 767364

■ 807B64

Harmonies

Analogous

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



003A67



263164



4C2554

Triad

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



263164



58270C



00402D

Complementary

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



263164



645926

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.



0B3E13



263164



473100

Square

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



263164



611C24



2F3900



004047

Rectangle

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



263164



5A1E45



2F3900



003F24

Sweetspot

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



263164



696E82



266459



333642



C2C2C2



424242

Same Dimension

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



263164



223382



3A2664



2E2F33



001473



002BF2

Inverse Universe

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



642631



822233



506426



332E2F



730014



F2002B

Previews

White Background



This preview shows how the Hex color 263164 looks on a white background.

Color Contrast Check

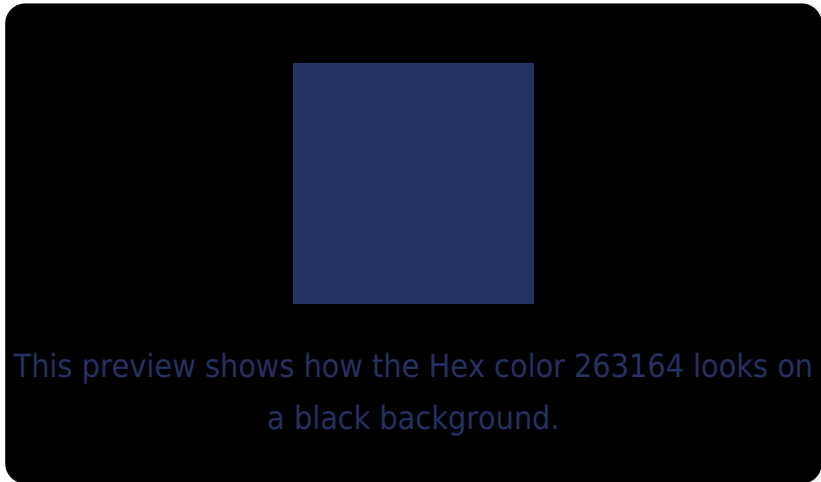
Large Text (above 18pt) WCAG AA ✓ Pass

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

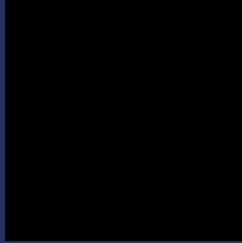
Any Text WCAG AA × Fail

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 263164 Background



This preview shows how black text looks on a background with the Hex color 263164.



This preview shows how white text looks on a background with the Hex color 263164.

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
263164

Protanopia
173366

Deuteranopia
00365F



Tritanopia
133A3F

Trichromacy



Original Color
263164

Protanomaly
1C3265

Deuteranomaly
0E3461

Tritanomaly
1A374C

Monochromacy



Original Color
263164

Achromatopsia
343434

Achromatomaly
2F3345

CSS Examples

Text

The CSS property to change the color of the text to Hex 263164 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 #263164 looks like.

```
.text, #text, p{  
    color:#263164  
}
```

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 #263164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #263164
}
```

Border

The CSS property to change the border of an element to Hex 263164 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
#263164 }
```

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

```
.border{ border-color:#263164 }
```

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

Here you see how a box with a 4 pixel #263164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #263164; -webkit-box-shadow:4px 4px  
4px 4px #263164; box-shadow:4px 4px 4px  
4px #263164 }
```

Background

The CSS property to change the background color of an element to Hex 263164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#263164 }
```

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

```
.background{ background-color:#263164 }
```

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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