

Converting Colors

Hex(252E71)

Have a look what the booklet for
Hex(252E71) contains.

Hex(252E71)	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(252E71)

Conversions

Conversions Part 1

Format	Color
Hex	252E71
RGB	37, 46, 113
RGB Percent	15%, 18%, 44%
CMY	0.8549, 0.8196, 0.5569
CMYK	0.67, 0.59, 0.00, 0.56
HSL	233°, 51%, 29%
HSV	233°, 67%, 44%
XYZ	4.7206, 3.5396, 16.0572
YIQ	50.9470, -26.8710, 18.9290

Conversions

Conversions Part 2

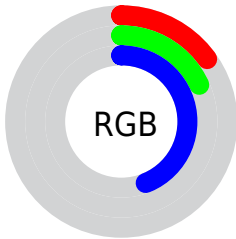
Format	Color
R_{YB}	37, 45, 113
Decimal	2436721
CIE _{Lab}	22.09, 19.62, -40.00
CIE _{LCh}	22, 44.553, 296.132
Yxy	3.5396, 0.1941, 0.1456
Android (android.graphics.Color)	4280626801 (0xFF252E71)
YUV	50.9470, 30.5921, -12.2315
Hunter-Lab	18.8137, 11.8637, -37.4334




Details

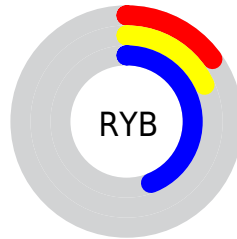
The Hex color **252E71** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **716825**, and the grayscale version is **333333**.




A 20% lighter version of the original color is **5B5CA5**, and **000040** is the 20% darker color. If you saturate the color by 10%, you get **1A2471**, and if you desaturate by 10%, it is **303871**.

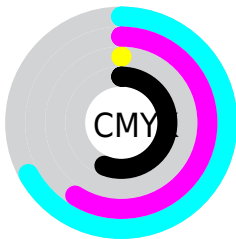
Distribution







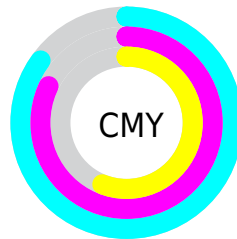
-  Red (15%)
-  Green (18%)
-  Blue (44%)






-  Red (15%)
-  Yellow (18%)
-  Blue (44%)



-  Cyan (67%)
-  Magenta (59%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (85%)
-  Magenta (82%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252E71 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 252E71 by changing the saturation by 10% instead.

■ 252E71

■ 252E71

FFFFFF

■ 001958

■ 5B5CA5

■ 000040

■ 7674C1

■ 000329

■ 918EDD

■ 000113

■ ADA8FA

■ 000000

■ C9C3FF

■ E6DFFF

■ FFFCFF

■ 252E71

■ 252E71

■ 1A2471

■ 303871

■ 0E1A71

■ 3C4271

■ 031071

■ 474C71

■ 000D71

■ 525671

■ 5E6071

■ 696A71

■ 747471

■ 7F7E71

■ 8B8871

Harmonies

Analogous

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



003B78



252E71



571A5A

Triad

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



252E71



5E2300



00422F

Complementary

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



252E71



716825

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.



00400B



252E71



463200

Square

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



252E71



6C0E1A



273B00



004351

Rectangle

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



252E71



670A46



273B00



004224

Sweetspot

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



252E71



767A94



257167



383A4A



C9C9C9



4A4A4A

Same Dimension

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



252E71



1C2A94



412571



323338



000E78



001DF7

Inverse Universe

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



71252E



941C2A



557125



383233



78000E



F7001D

Previews

White Background



This preview shows how the Hex color 252E71 looks on a white background.

Color Contrast Check

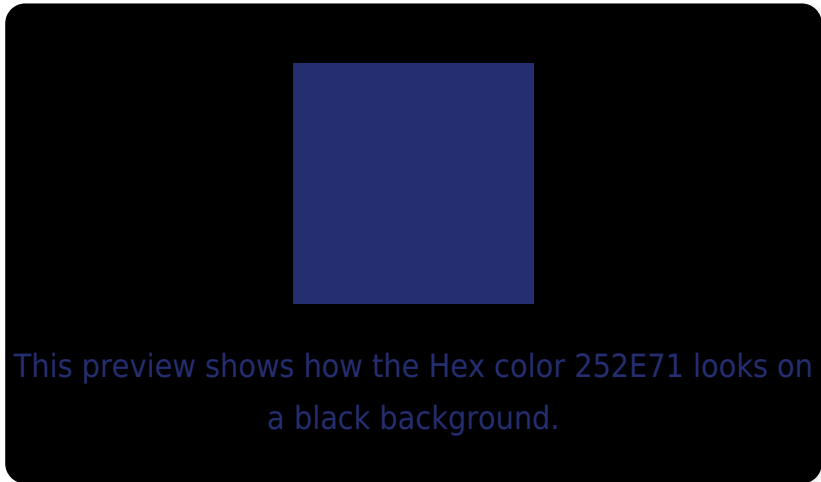
Large Text (above 18pt) WCAG AA ✓ Pass

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

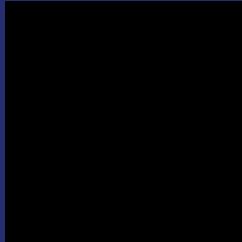
Any Text WCAG AA × Fail

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 252E71 Background



This preview shows how black text looks on a background with the Hex color 252E71.



This preview shows how white text looks on a background with the Hex color 252E71.

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
252E71

Protanopia
00336C

Deuteranopia
00365D



Tritanopia
003B3F

Trichromacy



Original Color
252E71

Protanomaly
0D316E

Deuteranomaly
0D3364

Tritanomaly
0D3651

Monochromacy



Original Color
252E71

Achromatopsia
333333

Achromatomaly
2E314A

CSS Examples

Text

The CSS property to change the color of the text to Hex 252E71 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 #252E71 looks like.

```
.text, #text, p{  
    color:#252E71  
}
```

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 #252E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252E71
}
```

Border

The CSS property to change the border of an element to Hex 252E71 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
#252E71 }
```

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

```
.border{ border-color:#252E71 }
```

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

Here you see how a box with a 4 pixel #252E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252E71; -webkit-box-shadow:4px 4px  
4px 4px #252E71; box-shadow:4px 4px 4px  
4px #252E71 }
```

Background

The CSS property to change the background color of an element to Hex 252E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252E71 }
```

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

```
.background{ background-color:#252E71 }
```

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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