

Converting Colors

Hex(243454)

Have a look what the booklet for
Hex(243454) contains.

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Color

Hex(243454)

Conversions

Conversions Part 1

Format	Color
Hex	243454
RGB	36, 52, 84
RGB Percent	14%, 20%, 33%
CMY	0.8588, 0.7961, 0.6706
CMYK	0.57, 0.38, 0.00, 0.67
HSL	220°, 40%, 24%
HSV	220°, 57%, 33%
XYZ	3.5558, 3.4711, 8.8701
YIQ	50.8640, -19.8080, 6.5600

Conversions

Conversions Part 2

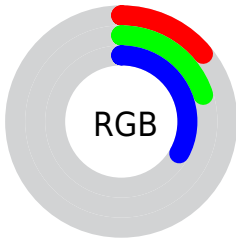
Format	Color
R_{YB}	36, 48, 84
Decimal	2372692
CIE _{Lab}	21.84, 4.12, -21.46
CIE _{LCh}	22, 21.851, 280.875
Yxy	3.4711, 0.2237, 0.2184
Android (android.graphics.Color)	4280562772 (0xFF243454)
YUV	50.8640, 16.3360, -13.0357
Hunter-Lab	18.6310, 1.4630, -15.1859

Details

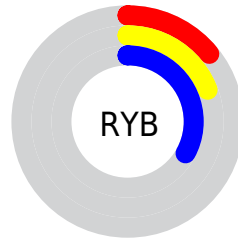
The Hex color **243454** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **544424**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **556286**, and **000627** is the 20% darker color. If you saturate the color by 10%, you get **1C2E54**, and if you desaturate by 10%, it is **2C3A54**.

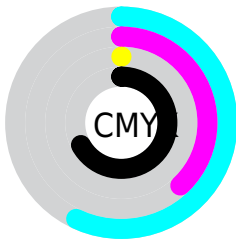
Distribution



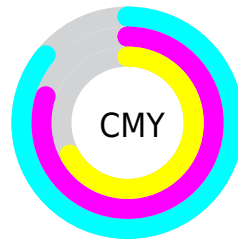
- Red (14%)
- Green (20%)
- Blue (33%)



- Red (14%)
- Yellow (19%)
- Blue (33%)



- Cyan (57%)
- Magenta (38%)
- Yellow (0%)
- Black (67%)



- Cyan (86%)
- Magenta (80%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243454 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 243454 by changing the saturation by 10% instead.

■ 243454

■ 243454

FFFFFF

■ 0A1F3D

■ 556286

■ 000627

■ 6E7BA0

■ 000111

■ 8895BB

■ 000000

■ A2AFD7

■ BECBF3

■ DAE7FF

■ F7FFFF

■ 243454

■ 243454

■ 1C2E54

■ 2C3A54

■ 132954

■ 353F54

■ 0B2354

■ 3D4554

■ 021E54

■ 464A54

■ 001C54

■ 4E5054

■ 565654

■ 5F5B54

■ 676154

■ 706654

Harmonies

Analogous

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



003953



243454



3D2E4D

Triad

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



243454



502A20



0F3C29

Complementary

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



243454



544424

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.



27391B



243454



473016

Square

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



243454



53272F



383513



003D3A

Rectangle

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



243454



492A44



383513



183B24

Sweetspot

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



243454



5B616E



245444



2D3138



B8B8B8



383838

Same Dimension

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



243454



223B6E



2C2454



252629



002369



004DE8

Inverse Universe

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



542434



6E223B



4C5424



292526



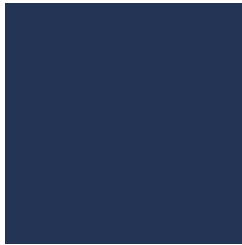
690023



E8004D

Previews

White Background



This preview shows how the Hex color 243454 looks on a white background.

Color Contrast Check

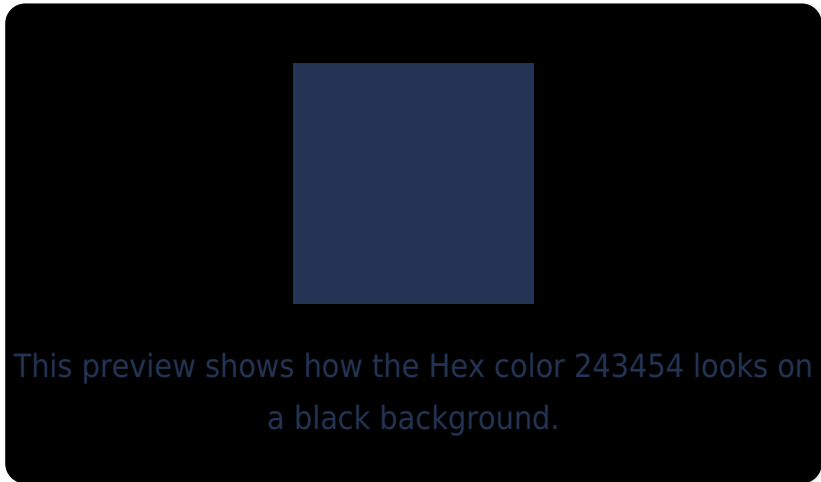
Large Text (above 18pt) WCAG AA ✓ Pass

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

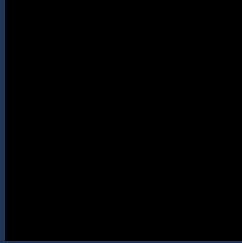
Any Text WCAG AA × Fail

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 243454 Background



This preview shows how black text looks on a background with the Hex color 243454.



This preview shows how white text looks on a background with the Hex color 243454.

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](#).

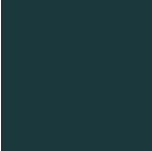
Dichromacy



Original Color
243454

Protanopia
283353

Deuteranopia
223454



Tritanopia
1B393D

Trichromacy



Original Color

243454

Protanomaly

273353

Deuteranomaly

233454

Tritanomaly

1E3745

Monochromacy



Original Color

243454

Achromatopsia

333333

Achromatomaly

2E333F

CSS Examples

Text

The CSS property to change the color of the text to Hex 243454 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 #243454 looks like.

```
.text, #text, p{  
    color:#243454  
}
```

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 #243454 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243454
}
```

Border

The CSS property to change the border of an element to Hex 243454 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
#243454 }
```

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

```
.border{ border-color:#243454 }
```

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

Here you see how a box with a 4 pixel #243454 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243454; -webkit-box-shadow:4px 4px  
4px 4px #243454; box-shadow:4px 4px 4px  
4px #243454 }
```

Background

The CSS property to change the background color of an element to Hex 243454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243454 }
```

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

```
.background{ background-color:#243454 }
```

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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