

Converting Colors

Hex(256473)

Have a look what the booklet for
Hex(256473) contains.

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Color

Hex(256473)

Conversions

Conversions Part 1

Format	Color
Hex	256473
RGB	37, 100, 115
RGB Percent	15%, 39%, 45%
CMY	0.8549, 0.6078, 0.5490
CMYK	0.68, 0.13, 0.00, 0.55
HSL	192°, 51%, 30%
HSV	192°, 68%, 45%
XYZ	8.4146, 10.7455, 17.8502
YIQ	82.8730, -42.3630, -8.6910

Conversions

Conversions Part 2

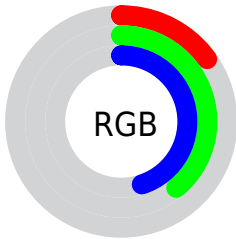
Format	Color
RYB	37, 72, 115
Decimal	2450547
CIELab	39.15, -14.86, -14.38
CIElCh	39, 20.680, 224.046
Yxy	10.7455, 0.2274, 0.2903
Android (android.graphics.Color)	4280640627 (0xFF256473)
YUV	82.8730, 15.8386, -40.2306
Hunter-Lab	32.7803, -11.5449, -9.3397

Details

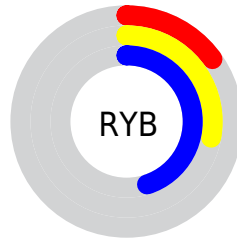
The Hex color **256473** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **733425**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5C97A7**, and **003543** is the 20% darker color. If you saturate the color by 10%, you get **196273**, and if you desaturate by 10%, it is **306673**.

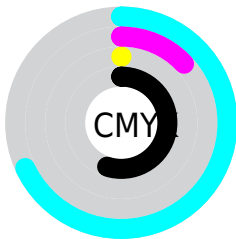
Distribution



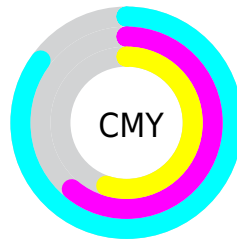
- Red (15%)
- Green (39%)
- Blue (45%)



- Red (15%)
- Yellow (28%)
- Blue (45%)



- Cyan (68%)
- Magenta (13%)
- Yellow (0%)
- Black (55%)



- Cyan (85%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 256473 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 256473 by changing the saturation by 10% instead.

■ 256473

■ 256473

FFFFFF

■ 004C5A

■ 5C97A7

■ 003543

■ 77B2C2

■ 00202D

■ 92CDDE

■ 000119

■ AEE9FB

■ 000000

■ CAFFFF

■ E7FFFF

■ 256473

■ 256473

■ 196273

■ 306673

■ 0E6073

■ 3C6873

■ 025D73

■ 486B73

■ 005D73

■ 536D73

■ 5E6F73

■ 6A7173

■ 767373

■ 817673

■ 8C7873

Harmonies

Analogous

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



286564



256473



38607C

Triad

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



256473



785166



605E3B

Complementary

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



256473



733425

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.



70583C



256473



7E5055

Square

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



256473



685574



7A5346



4D6244

Rectangle

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



256473



495D7D



7A5346



665C3B

Sweetspot

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



256473



789196



257333



3A494D



CCCCCC



4D4D4D

Same Dimension

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



256473



1D7F96



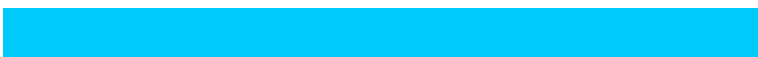
253E73



353A3B



00637A



00CAFA

Inverse Universe

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



732564



961D7F



735A25



3B353A



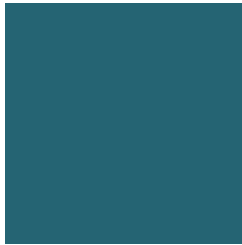
7A0063



FA00CA

Previews

White Background



This preview shows how the Hex color 256473 looks on a white background.

Color Contrast Check

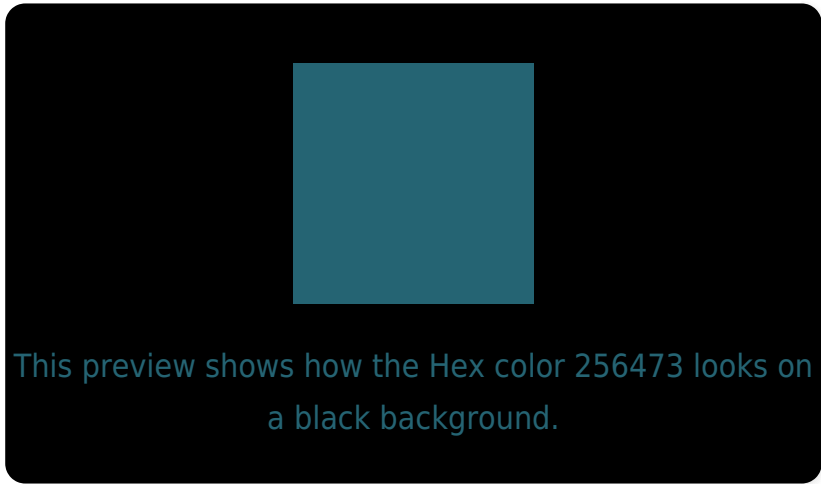
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

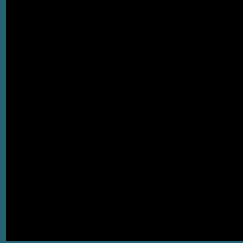
Any Text WCAG AA × Fail

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 256473 Background



This preview shows how black text looks on a background with the Hex color 256473.



This preview shows how white text looks on a background with the Hex color 256473.

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
256473

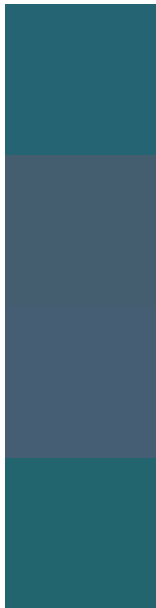
Protanopia
585B6D

Deuteranopia
575A75



Tritanopia
22656D

Trichromacy



Original Color
256473

Protanomaly
455E6F

Deuteranomaly
455E74

Tritanomaly
23656F

Monochromacy



Original Color
256473

Achromatopsia
535353

Achromatomaly
42595F

CSS Examples

Text

The CSS property to change the color of the text to Hex 256473 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 #256473 looks like.

```
.text, #text, p{  
    color:#256473  
}
```

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 #256473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256473
}
```

Border

The CSS property to change the border of an element to Hex 256473 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
#256473 }
```

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

```
.border{ border-color:#256473 }
```

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

Here you see how a box with a 4 pixel #256473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256473; -webkit-box-shadow:4px 4px  
4px 4px #256473; box-shadow:4px 4px 4px  
4px #256473 }
```

Background

The CSS property to change the background color of an element to Hex 256473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256473 }
```

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

```
.background{ background-color:#256473 }
```

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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