

Converting Colors

Hex(233061)

Have a look what the booklet for
Hex(233061) contains.

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Color

Hex(233061)

Conversions

Conversions Part 1

Format	Color
Hex	233061
RGB	35, 48, 97
RGB Percent	14%, 19%, 38%
CMY	0.8627, 0.8118, 0.6196
CMYK	0.64, 0.51, 0.00, 0.62
HSL	227°, 47%, 26%
HSV	227°, 64%, 38%
XYZ	3.9078, 3.3343, 11.7469
YIQ	49.6990, -23.4770, 12.4830

Conversions

Conversions Part 2

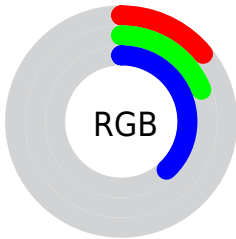
Format	Color
RYB	35, 46, 97
Decimal	2306145
CIELab	21.34, 11.64, -30.84
CIELCh	21, 32.962, 290.679
Yxy	3.3343, 0.2058, 0.1756
Android (android.graphics.Color)	4280496225 (0xFF233061)
YUV	49.6990, 23.3194, -12.8910
Hunter-Lab	18.2601, 6.2449, -25.3598

Details

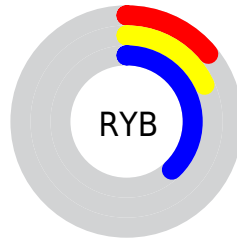
The Hex color **233061** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **615423**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **565E94**, and **000032** is the 20% darker color. If you saturate the color by 10%, you get **192861**, and if you desaturate by 10%, it is **2D3861**.

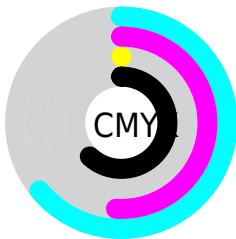
Distribution



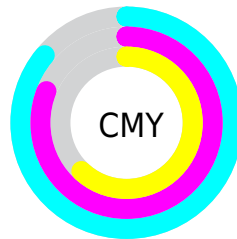
- Red (14%)
- Green (19%)
- Blue (38%)



- Red (14%)
- Yellow (18%)
- Blue (38%)



- Cyan (64%)
- Magenta (51%)
- Yellow (0%)
- Black (62%)



- Cyan (86%)
- Magenta (81%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233061 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 233061 by changing the saturation by 10% instead.

■ 233061

■ 233061

FFFFFF

■ 041B49

■ 565E94

■ 000032

■ 7076AF

■ 00021C

■ 8A90CA

■ 000000

■ A6AAE7

■ C1C6FF

■ DEE2FF

■ FBF EFF

■ 233061

■ 233061

■ 192861

■ 2D3861

■ 102161

■ 363F61

■ 061961

■ 404761

■ 001461

■ 4A4F61

■ 545661

■ 5D5E61

■ 676661

■ 716D61

■ 7A7561

Harmonies

Analogous

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



003863



233061



492552

Triad

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



233061



56250D



003E2B

Complementary

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



233061



615423

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.



0E3C12



233061



462F00

Square

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



233061



5E1C24



2F3700



003E44

Rectangle

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



233061



571E44



2F3700



003D22

Sweetspot

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



233061



656A7D



236154



313440



BFBFBF



404040

Same Dimension

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



233061



1D317D



352361



2C2D30



001870



0032F0

Inverse Universe

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



612330



7D1D31



4F6123



302C2D



700018



F00032

Previews

White Background



This preview shows how the Hex color 233061 looks on a white background.

Color Contrast Check

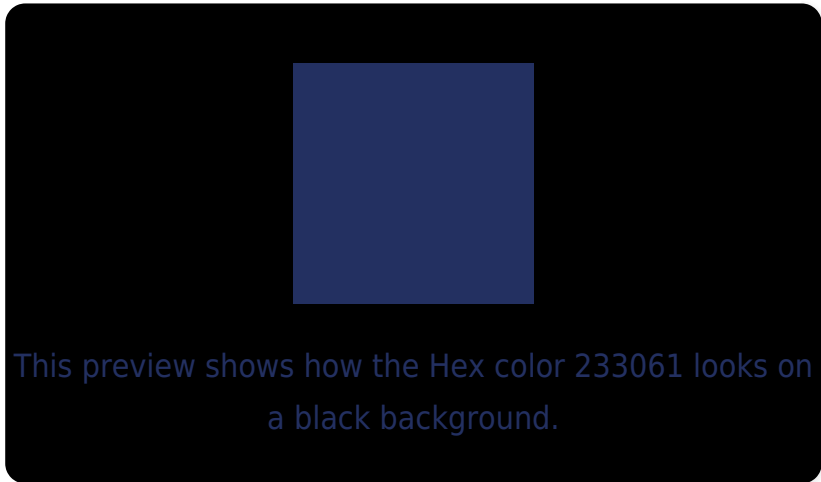
Large Text (above 18pt) WCAG AA ✓ Pass

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

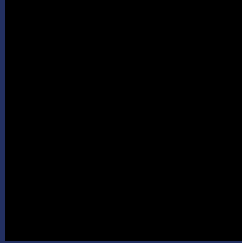
Any Text WCAG AA × Fail

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 233061 Background



This preview shows how black text looks on a background with the Hex color 233061.



This preview shows how white text looks on a background with the Hex color 233061.

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](#).

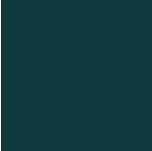
Dichromacy



Original Color
233061

Protanopia
173263

Deuteranopia
00345C



Tritanopia
0E393D

Trichromacy



Original Color
233061

Protanomaly
1B3162

Deuteranomaly
0D335E

Tritanomaly
16364A

Monochromacy



Original Color
233061

Achromatopsia
323232

Achromatomaly
2D3143

CSS Examples

Text

The CSS property to change the color of the text to Hex 233061 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 #233061 looks like.

```
.text, #text, p{  
    color:#233061  
}
```

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 #233061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233061
}
```

Border

The CSS property to change the border of an element to Hex 233061 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
#233061 }
```

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

```
.border{ border-color:#233061 }
```

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

Here you see how a box with a 4 pixel #233061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233061; -webkit-box-shadow:4px 4px  
4px 4px #233061; box-shadow:4px 4px 4px  
4px #233061 }
```

Background

The CSS property to change the background color of an element to Hex 233061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233061 }
```

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

```
.background{ background-color:#233061 }
```

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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