

Converting Colors

Hex(225C60)

Have a look what the booklet for
Hex(225C60) contains.

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Color

Hex(225C60)

Conversions

Conversions Part 1

Format	Color
Hex	225C60
RGB	34, 92, 96
RGB Percent	13%, 36%, 38%
CMY	0.8667, 0.6392, 0.6235
CMYK	0.65, 0.04, 0.00, 0.62
HSL	184°, 48%, 25%
HSV	184°, 65%, 38%
XYZ	6.5982, 8.8389, 12.4247
YIQ	75.1140, -35.8520, -11.0520

Conversions

Conversions Part 2

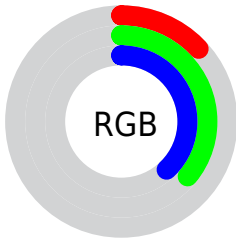
Format	Color
RYB	34, 64, 96
Decimal	2251872
CIELab	35.67, -17.23, -7.92
CIELCh	36, 18.964, 204.677
Yxy	8.8389, 0.2368, 0.3172
Android (android.graphics.Color)	4280441952 (0xFF225C60)
YUV	75.1140, 10.2968, -36.0570
Hunter-Lab	29.7303, -12.4128, -3.9668




Details

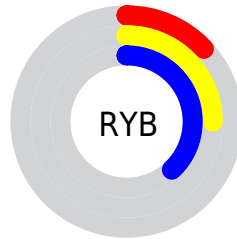
The Hex color **225C60** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **602622**, and the grayscale version is **4B4B4B**.




A 20% lighter version of the original color is **578E92**, and **002E32** is the 20% darker color. If you saturate the color by 10%, you get **185B60**, and if you desaturate by 10%, it is **2C5D60**.

Distribution







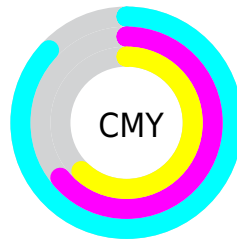
-  Red (13%)
-  Green (36%)
-  Blue (38%)






-  Red (13%)
-  Yellow (25%)
-  Blue (38%)



-  Cyan (65%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (87%)
-  Magenta (64%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 225C60 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 225C60 by changing the saturation by 10% instead.

■ 225C60

■ 225C60

FFFFFF

■ 004448

■ 578E92

■ 002E32

■ 71A9AD

■ 001A1D

■ 8CC4C8

■ 000001

■ A7E0E4

■ 000000

■ C3FDFF

■ DFFFFF

■ FDDFFF

■ 225C60

■ 225C60

■ 185B60

■ 2C5D60

■ 0F5B60

■ 355D60

■ 055A60

■ 3F5E60

■ 005A60

■ 485E60

■ 525F60

■ 5C6060

■ 656060

■ 6F6160

■ 786260

Harmonies

Analogous

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



2E5C51



225C60



275A6C

Triad

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



225C60



654C66



615236

Complementary

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



225C60



602622

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.



6D4D3C



225C60



704957

Square

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



225C60



52516F



724948



515738

Rectangle

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



225C60



345871



724948



655037

Sweetspot

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



225C60



657B7D



226025



313F40



BFBFBF



404040

Same Dimension

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



225C60



1B777D



223E60



2C3030



006970



00E0F0

Inverse Universe

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



60225C



7D1B77



604422



302C30



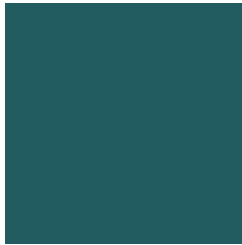
700069



F000E0

Previews

White Background



This preview shows how the Hex color 225C60 looks on a white background.

Color Contrast Check

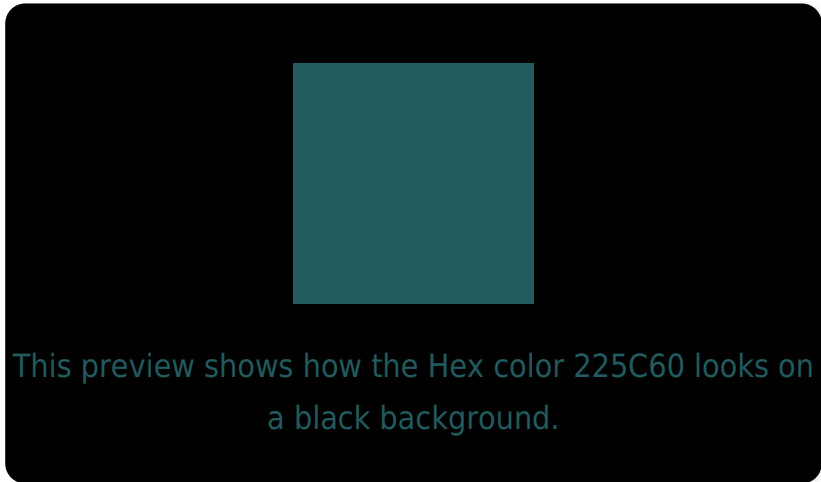
Large Text (above 18pt) WCAG AA ✓ Pass

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

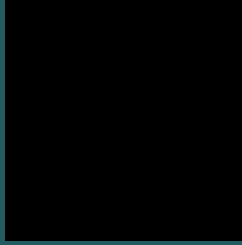
Any Text WCAG AA × Fail

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 225C60 Background



This preview shows how black text looks on a background with the Hex color 225C60.



This preview shows how white text looks on a background with the Hex color 225C60.

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
225C60

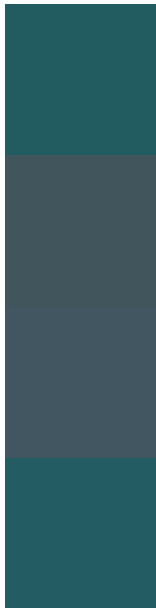
Protanopia
53535A

Deuteranopia
555262



Tritanopia
235C63

Trichromacy



Original Color
225C60

Protanomaly
41565C

Deuteranomaly
425661

Tritanomaly
235C62

Monochromacy



Original Color
225C60

Achromatopsia
4B4B4B

Achromatomaly
3C5153

CSS Examples

Text

The CSS property to change the color of the text to Hex 225C60 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 #225C60 looks like.

```
.text, #text, p{  
    color:#225C60  
}
```

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 #225C60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225C60
}
```

Border

The CSS property to change the border of an element to Hex 225C60 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
#225C60 }
```

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

```
.border{ border-color:#225C60 }
```

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

Here you see how a box with a 4 pixel #225C60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225C60; -webkit-box-shadow:4px 4px  
4px 4px #225C60; box-shadow:4px 4px 4px  
4px #225C60 }
```

Background

The CSS property to change the background color of an element to Hex 225C60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225C60 }
```

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

```
.background{ background-color:#225C60 }
```

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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