

Converting Colors

Hex(225055)

Have a look what the booklet for
Hex(225055) contains.

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Color

Hex(225055)

Conversions

Conversions Part 1

Format	Color
Hex	225055
RGB	34, 80, 85
RGB Percent	13%, 31%, 33%
CMY	0.8667, 0.6863, 0.6667
CMYK	0.60, 0.06, 0.00, 0.67
HSL	186°, 43%, 23%
HSV	186°, 60%, 33%
XYZ	5.1680, 6.7333, 9.6216
YIQ	66.8160, -29.0210, -8.1970

Conversions

Conversions Part 2

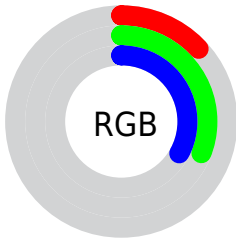
Format	Color
R_YB	34, 58, 85
Decimal	2248789
CIE Lab	31.19, -13.99, -7.72
CIE LCh	31, 15.978, 208.882
Yxy	6.7333, 0.2401, 0.3128
Android (android.graphics.Color)	4280438869 (0xFF225055)
YUV	66.8160, 8.9647, -28.7796
Hunter-Lab	25.9486, -9.8591, -3.8204

Details

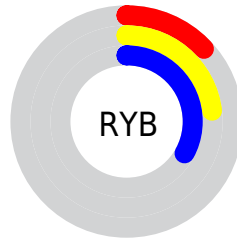
The Hex color **225055** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **552722**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **548187**, and **002328** is the 20% darker color. If you saturate the color by 10%, you get **194F55**, and if you desaturate by 10%, it is **2A5155**.

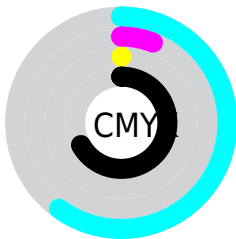
Distribution



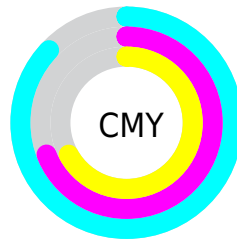
- Red (13%)
- Green (31%)
- Blue (33%)



- Red (13%)
- Yellow (23%)
- Blue (33%)



- Cyan (60%)
- Magenta (6%)
- Yellow (0%)
- Black (67%)



- Cyan (87%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 225055 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 225055 by changing the saturation by 10% instead.

■ 225055

■ 225055

FFFFFF

■ 04393E

■ 548187

■ 002328

■ 6E9BA1

■ 000914

■ 88B6BC

■ 000000

■ A3D2D7

■ BFEEF4

■ DBFFFF

■ F8FFFF

■ 225055

■ 225055

■ 194F55

■ 2A5155

■ 114E55

■ 335255

■ 084E55

■ 3B5255

■ 004D55

■ 445355

■ 4C5455

■ 555555

■ 5E5655

■ 665755

■ 6E5755

Harmonies

Analogous

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



295048



225055



284E5E

Triad

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



225055



594256



534830

Complementary

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



225055



552722

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.



5D4434



225055



61404A

Square

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



225055



4B465F



62413E



464C33

Rectangle

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



225055



334C62



62413E



574731

Sweetspot

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



225055



5A6C6E



225526



2C3738



B8B8B8



383838

Same Dimension

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



225055



1F666E



223755



272B2B



00616B



00D4EB

Inverse Universe

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



552250



6E1F66



554022



2B272B



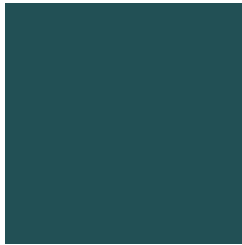
6B0061



EB00D4

Previews

White Background



This preview shows how the Hex color 225055 looks on a white background.

Color Contrast Check

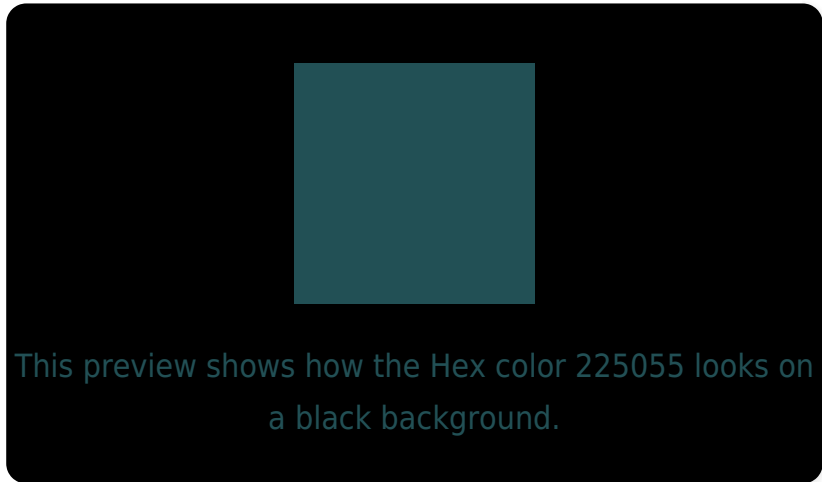
Large Text (above 18pt) WCAG AA ✓ Pass

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

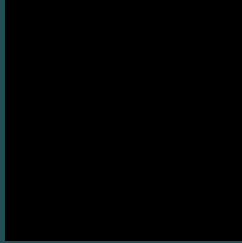
Any Text WCAG AA × Fail

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 225055 Background



This preview shows how black text looks on a background with the Hex color 225055.



This preview shows how white text looks on a background with the Hex color 225055.

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
225055

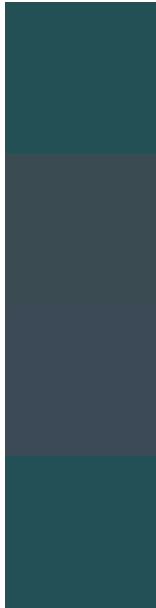
Protanopia
484950

Deuteranopia
4A4757



Tritanopia
235056

Trichromacy



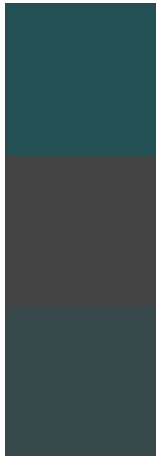
Original Color
225055

Protanomaly
3A4C52

Deuteranomaly
3B4A56

Tritanomaly
235056

Monochromacy



Original Color
225055

Achromatopsia
434343

Achromatomaly
37484A

CSS Examples

Text

The CSS property to change the color of the text to Hex 225055 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 #225055 looks like.

```
.text, #text, p{  
    color:#225055  
}
```

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 #225055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225055
}
```

Border

The CSS property to change the border of an element to Hex 225055 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".

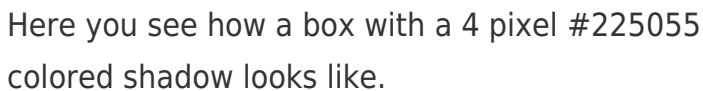
```
.border, #border, table{ border:4px solid
#225055 }
```

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

```
.border{ border-color:#225055 }
```

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

Here you see how a box with a 4 pixel #225055 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225055; -webkit-box-shadow:4px 4px  
4px 4px #225055; box-shadow:4px 4px 4px  
4px #225055 }
```

Background

The CSS property to change the background color of an element to Hex 225055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225055 }
```

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

```
.background{ background-color:#225055 }
```

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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