

Converting Colors

Hex(22565A)

Have a look what the booklet for
Hex(22565A) contains.

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Color

Hex(22565A)

Conversions

Conversions Part 1

Format	Color
Hex	22565A
RGB	34, 86, 90
RGB Percent	13%, 34%, 35%
CMY	0.8667, 0.6627, 0.6471
CMYK	0.62, 0.04, 0.00, 0.65
HSL	184°, 45%, 24%
HSV	184°, 62%, 35%
XYZ	5.8329, 7.7338, 10.8582
YIQ	70.9080, -32.2760, -9.7800

Conversions

Conversions Part 2

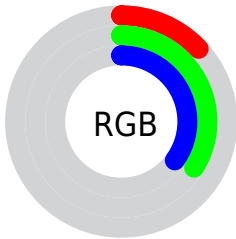
Format	Color
R_{YB}	34, 61, 90
Decimal	2250330
CIE _{Lab}	33.42, -15.81, -7.54
CIE _{LCh}	33, 17.511, 205.488
Yxy	7.7338, 0.2388, 0.3166
Android (android.graphics.Color)	4280440410 (0xFF22565A)
YUV	70.9080, 9.4124, -32.3683
Hunter-Lab	27.8098, -11.2278, -3.6827




Details

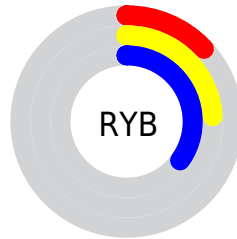
The Hex color **22565A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A2622**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **55888C**, and **00282C** is the 20% darker color. If you saturate the color by 10%, you get **19555A**, and if you desaturate by 10%, it is **2B575A**.

Distribution







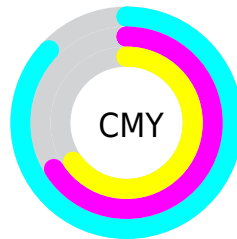
-  Red (13%)
-  Green (34%)
-  Blue (35%)






-  Red (13%)
-  Yellow (24%)
-  Blue (35%)



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



-  Cyan (87%)
-  Magenta (66%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22565A 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 22565A by changing the saturation by 10% instead.

■ 22565A

■ 22565A

FFFFFF

■ 023F43

■ 55888C

■ 00282C

■ 6FA2A6

■ 001518

■ 8ABDC1

■ 000000

■ A5D9DD

■ C1F6FA

■ DDFFFF

■ FAFFFF

■ 22565A

■ 22565A

■ 19555A

■ 2B575A

■ 10555A

■ 34575A

■ 07545A

■ 3D585A

■ 00545A

■ 46595A

■ 4F595A

■ 585A5A

■ 615B5A

■ 6A5B5A

■ 735C5A

Harmonies

Analogous

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



2C564C



22565A



275465

Triad

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



22565A



5E475E



5A4D33

Complementary

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



22565A



5A2622

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.



654838



22565A



684451

Square

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



22565A



4E4C68



6A4543



4C5135

Rectangle

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



22565A



335269



6A4543



5E4B34

Sweetspot

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



22565A



5F7475



225A26



2D3A3B



BABABA



3B3B3B

Same Dimension

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



22565A



1D6F75



223A5A



292E2E



00666E



00DCED

Inverse Universe

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



5A2256



751D6F



5A4222



2E292E



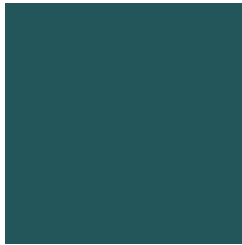
6E0066



ED00DC

Previews

White Background



This preview shows how the Hex color 22565A looks on a white background.

Color Contrast Check

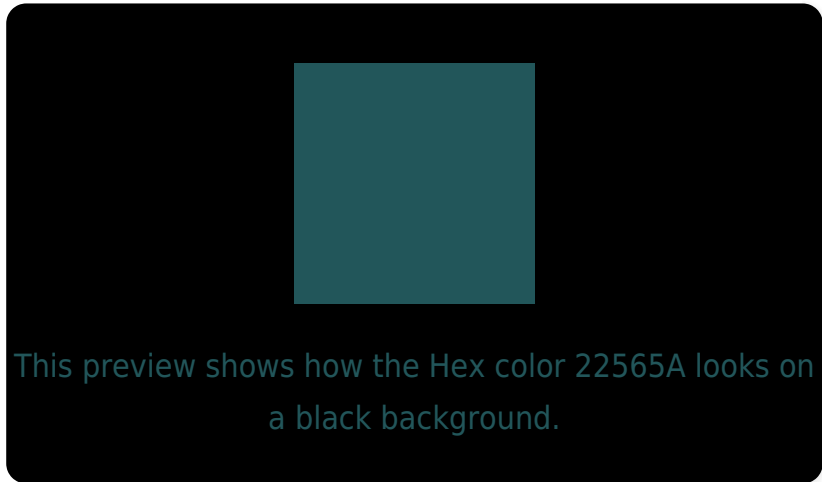
Large Text (above 18pt) WCAG AA ✓ Pass

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

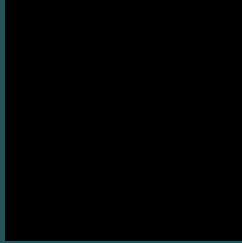
Any Text WCAG AA × Fail

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 22565A Background



This preview shows how black text looks on a background with the Hex color 22565A.



This preview shows how white text looks on a background with the Hex color 22565A.

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

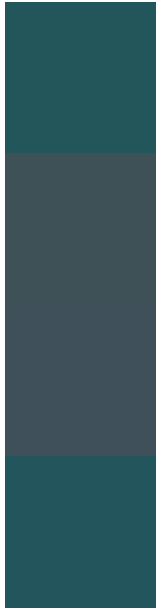


Original Color
22565A

Protanopia
4E4E55

Deuteranopia
4F4C5C

Trichromacy



Original Color
22565A

Protanomaly
3E5157

Deuteranomaly
3F505B

Tritanomaly
23565C

Monochromacy



Original Color
22565A

Achromatopsia
474747

Achromatomaly
3A4C4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 22565A 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 #22565A looks like.

```
.text, #text, p{  
    color:#22565A  
}
```

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 #22565A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22565A
}
```

Border

The CSS property to change the border of an element to Hex 22565A 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".

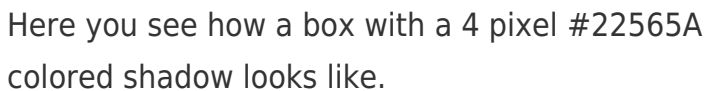
```
.border, #border, table{ border:4px solid
#22565A }
```

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

```
.border{ border-color:#22565A }
```

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

Here you see how a box with a 4 pixel #22565A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22565A; -webkit-box-shadow:4px 4px  
4px 4px #22565A; box-shadow:4px 4px 4px  
4px #22565A }
```

Background

The CSS property to change the background color of an element to Hex 22565A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22565A }
```

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

```
.background{ background-color:#22565A }
```

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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