

Converting Colors

Hex(22555F)

Have a look what the booklet for
Hex(22555F) contains.

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Color

Hex(22555F)

Conversions

Conversions Part 1

Format	Color
Hex	22555F
RGB	34, 85, 95
RGB Percent	13%, 33%, 37%
CMY	0.8667, 0.6667, 0.6275
CMYK	0.64, 0.11, 0.00, 0.63
HSL	190°, 47%, 25%
HSV	190°, 64%, 37%
XYZ	5.9737, 7.6633, 11.9908
YIQ	70.8910, -33.6060, -7.7020

Conversions

Conversions Part 2

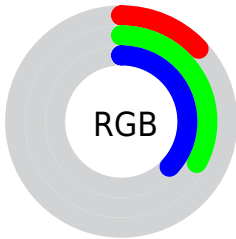
Format	Color
R _Y B	34, 62, 95
Decimal	2250079
CIE Lab	33.27, -13.58, -10.91
CIE LCh	33, 17.424, 218.783
Yxy	7.6633, 0.2331, 0.2990
Android (android.graphics.Color)	4280440159 (0xFF22555F)
YUV	70.8910, 11.8857, -32.3534
Hunter-Lab	27.6827, -9.9255, -6.3037

Details

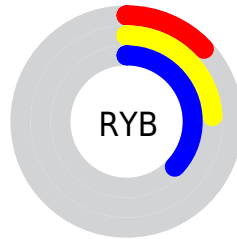
The Hex color **22555F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F2C22**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **568791**, and **002831** is the 20% darker color. If you saturate the color by 10%, you get **18535F**, and if you desaturate by 10%, it is **2C575F**.

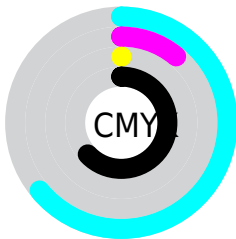
Distribution



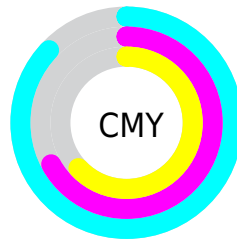
- Red (13%)
- Green (33%)
- Blue (37%)



- Red (13%)
- Yellow (24%)
- Blue (37%)



- Cyan (64%)
- Magenta (11%)
- Yellow (0%)
- Black (63%)



- Cyan (87%)
- Magenta (67%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22555F 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 22555F by changing the saturation by 10% instead.

■ 22555F

■ 22555F

FFFFFF

■ 013E47

■ 568791

■ 002831

■ 70A1AC

■ 00141C

■ 8ABCC7

■ 000000

■ A6D8E3

■ C1F4FF

■ DEFFFF

■ FBFFFF

■ 22555F

■ 22555F

■ 18535F

■ 2C575F

■ 0F525F

■ 35585F

■ 05505F

■ 3F5A5F

■ 004F5F

■ 485B5F

■ 525D5F

■ 5B5E5F

■ 65605F

■ 6E615F

■ 78635F

Harmonies

Analogous

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



265652



22555F



2E5268

Triad

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



22555F



634559



544F33

Complementary

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



22555F



5F2C22

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.



604A35



22555F



69444B

Square

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



22555F



554964



68463E



455338

Rectangle

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



22555F



3B506A



68463E



584D33

Sweetspot

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



22555F



63777A



225F2B



2F3B3D



BDBDBD



3D3D3D

Same Dimension

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



22555F



1C6B7A



22375F



2C3030



005E70



00C8F0

Inverse Universe

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



5F2255



7A1C6B



5F4A22



302C30



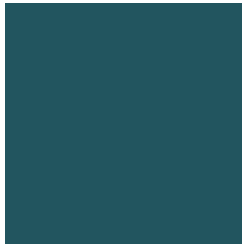
70005E



F000C8

Previews

White Background



This preview shows how the Hex color 22555F looks on a white background.

Color Contrast Check

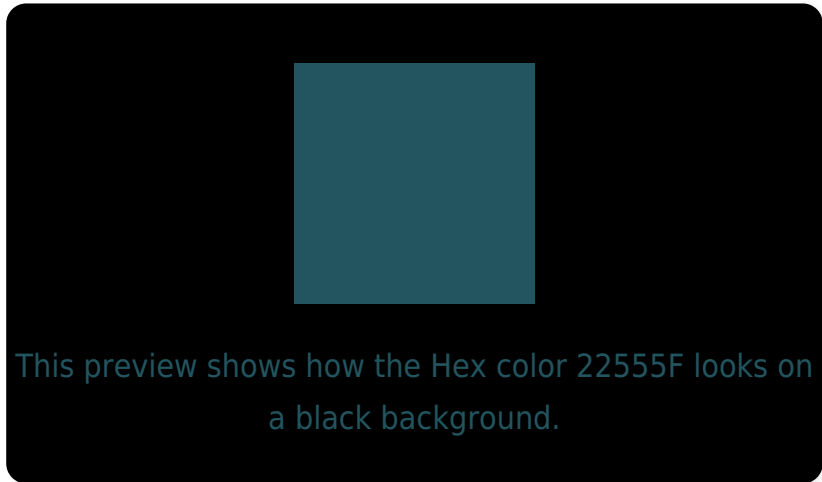
Large Text (above 18pt) WCAG AA ✓ Pass

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

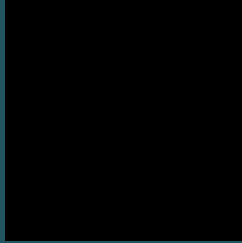
Any Text WCAG AA × Fail

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 22555F Background



This preview shows how black text looks on a background with the Hex color 22555F.

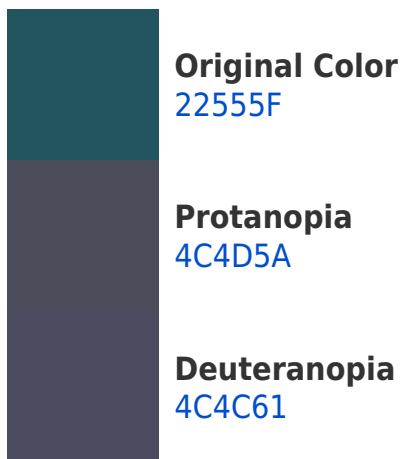


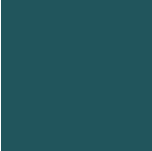
This preview shows how white text looks on a background with the Hex color 22555F.

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](#).

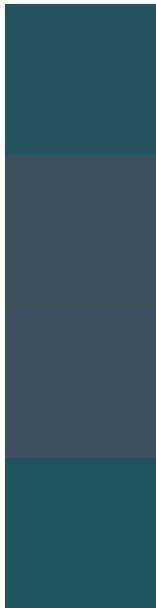
Dichromacy





Tritanopia
21555C

Trichromacy



Original Color
22555F

Protanomaly
3D505C

Deuteranomaly
3D4F60

Tritanomaly
21555D

Monochromacy



Original Color
22555F

Achromatopsia
474747

Achromatomaly
3A4C50

CSS Examples

Text

The CSS property to change the color of the text to Hex 22555F 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 #22555F looks like.

```
.text, #text, p{  
    color:#22555F  
}
```

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 #22555F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22555F
}
```

Border

The CSS property to change the border of an element to Hex 22555F 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".

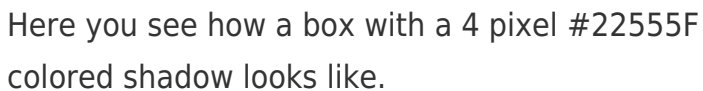
```
.border, #border, table{ border:4px solid
#22555F }
```

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

```
.border{ border-color:#22555F }
```

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

Here you see how a box with a 4 pixel #22555F colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22555F; -webkit-box-shadow:4px 4px  
4px 4px #22555F; box-shadow:4px 4px 4px  
4px #22555F }
```

Background

The CSS property to change the background color of an element to Hex 22555F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22555F }
```

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

```
.background{ background-color:#22555F }
```

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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