

Converting Colors

Hex(22556C)

Have a look what the booklet for
Hex(22556C) contains.

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Color

Hex(22556C)

Conversions

Conversions Part 1

Format	Color
Hex	22556C
RGB	34, 85, 108
RGB Percent	13%, 33%, 42%
CMY	0.8667, 0.6667, 0.5765
CMYK	0.69, 0.21, 0.00, 0.58
HSL	199°, 52%, 28%
HSV	199°, 69%, 42%
XYZ	6.6150, 7.9198, 15.3674
YIQ	72.3730, -37.7790, -3.6590

Conversions

Conversions Part 2

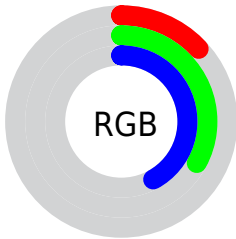
Format	Color
R_YB	34, 64, 108
Decimal	2250092
CIE Lab	33.82, -9.05, -18.24
CIE LCh	34, 20.365, 243.605
Yxy	7.9198, 0.2212, 0.2649
Android (android.graphics.Color)	4280440172 (0xFF22556C)
YUV	72.3730, 17.5641, -33.6531
Hunter-Lab	28.1421, -7.2913, -12.6766




Details

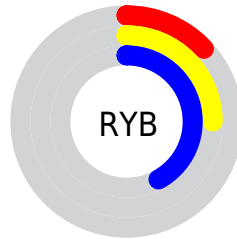
The Hex color **22556C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C3922**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **5887A0**, and **00283C** is the 20% darker color. If you saturate the color by 10%, you get **17526C**, and if you desaturate by 10%, it is **2D586C**.

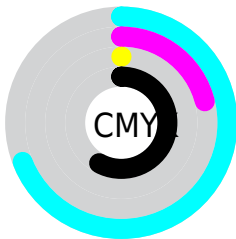
Distribution







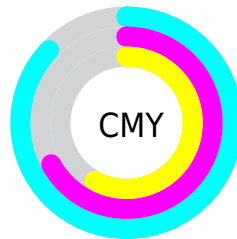
-  Red (13%)
-  Green (33%)
-  Blue (42%)






-  Red (13%)
-  Yellow (25%)
-  Blue (42%)



-  Cyan (69%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (87%)
-  Magenta (67%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22556C 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 22556C by changing the saturation by 10% instead.

■ 22556C

■ 22556C

FFFFFF

■ 003E54

■ 5887A0

■ 00283C

■ 72A1BB

■ 001427

■ 8DBCD6

■ 000111

■ A8D8F3

■ 000000

■ C4F4FF

■ E1FFFF

FEFFFF

■ 22556C

■ 22556C

■ 17526C

■ 2D586C

■ 0C4E6C

■ 385C6C

■ 024B6C

■ 425F6C

■ 004A6C

■ 4D626C

■ 58666C

■ 63696C

■ 6E6C6C

■ 78706C

■ 83736C

Harmonies

Analogous

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



135861



22556C



3C506F

Triad

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



22556C



6E434E



475434

Complementary

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



22556C



6C3922

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.



584F2F



22556C



6E453E

Square

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



22556C



66455E



664A33



345741

Rectangle

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



22556C



4D4D6D



664A33



4D5231

Sweetspot

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



22556C



6F838C



226C38



364247



C7C7C7



474747

Same Dimension

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



22556C



19698C



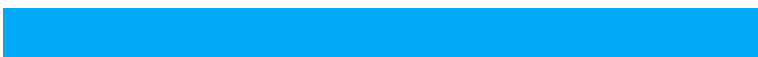
22316C



303436



005175



00A9F5

Inverse Universe

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



6C2255



8C1969



6C5D22



363034



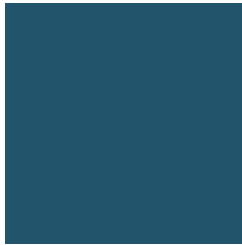
750051



F500A9

Previews

White Background



This preview shows how the Hex color 22556C looks on a white background.

Color Contrast Check

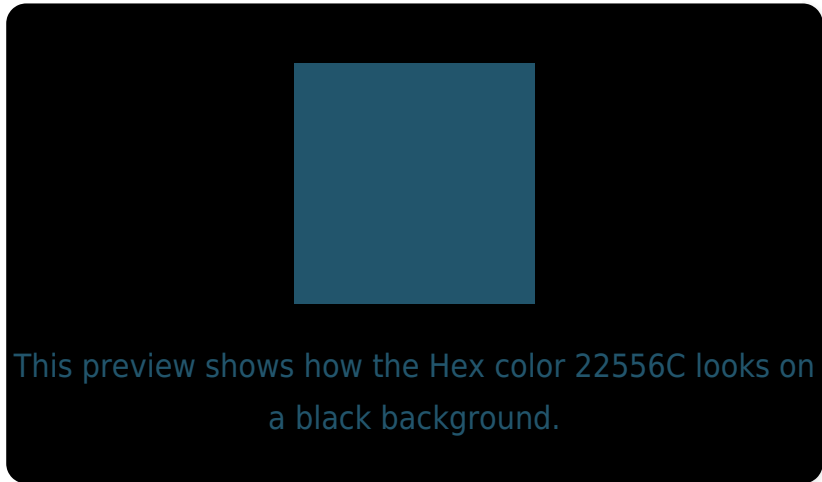
Large Text (above 18pt) WCAG AA ✓ Pass

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

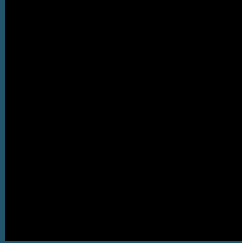
Any Text WCAG AA × Fail

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 22556C Background



This preview shows how black text looks on a background with the Hex color 22556C.

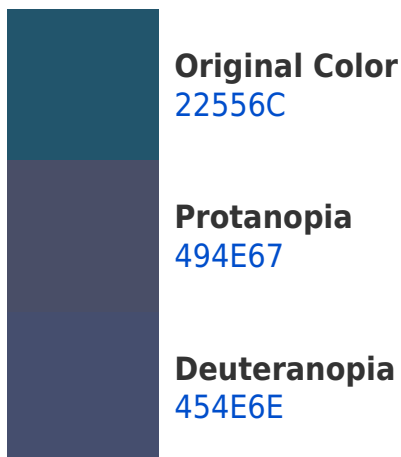



This preview shows how white text looks on a background with the Hex color 22556C.

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](#).

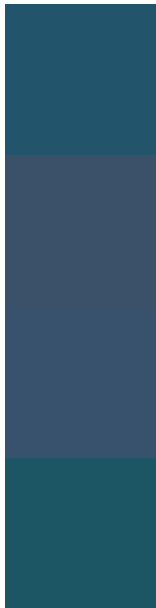
Dichromacy





Tritanopia
19575F

Trichromacy



Original Color
22556C

Protanomaly
3B5169

Deuteranomaly
38516D

Tritanomaly
1C5664

Monochromacy



Original Color
22556C

Achromatopsia
484848

Achromatomaly
3A4D55

CSS Examples

Text

The CSS property to change the color of the text to Hex 22556C 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 #22556C looks like.

```
.text, #text, p{  
    color:#22556C  
}
```

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 #22556C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22556C
}
```

Border

The CSS property to change the border of an element to Hex 22556C 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
#22556C }
```

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

```
.border{ border-color:#22556C }
```

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

Here you see how a box with a 4 pixel #22556C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22556C; -webkit-box-shadow:4px 4px  
4px 4px #22556C; box-shadow:4px 4px 4px  
4px #22556C }
```

Background

The CSS property to change the background color of an element to Hex 22556C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22556C }
```

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

```
.background{ background-color:#22556C }
```

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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