

Converting Colors

Hex(22566D)

Have a look what the booklet for
Hex(22566D) contains.

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Color

Hex(22566D)

Conversions

Conversions Part 1

Format	Color
Hex	22566D
RGB	34, 86, 109
RGB Percent	13%, 34%, 43%
CMY	0.8667, 0.6627, 0.5725
CMYK	0.69, 0.21, 0.00, 0.57
HSL	198°, 52%, 28%
HSV	198°, 69%, 43%
XYZ	6.7478, 8.0998, 15.6758
YIQ	73.0740, -38.3750, -3.8710

Conversions

Conversions Part 2

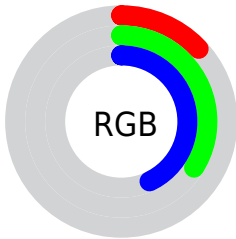
Format	Color
RYB	34, 65, 109
Decimal	2250349
CIELab	34.19, -9.30, -18.29
CIElCh	34, 20.517, 243.045
Yxy	8.0998, 0.2211, 0.2654
Android (android.graphics.Color)	4280440429 (0xFF22566D)
YUV	73.0740, 17.7115, -34.2679
Hunter-Lab	28.4601, -7.4835, -12.7347

Details

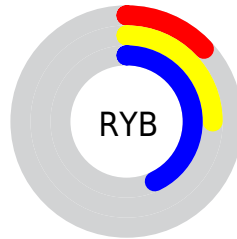
The Hex color **22566D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D3922**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5888A1**, and **00293D** is the 20% darker color. If you saturate the color by 10%, you get **17536D**, and if you desaturate by 10%, it is **2D596D**.

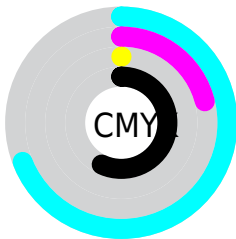
Distribution



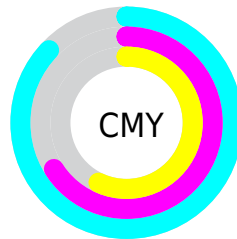
- Red (13%)
- Green (34%)
- Blue (43%)



- Red (13%)
- Yellow (25%)
- Blue (43%)



- Cyan (69%)
- Magenta (21%)
- Yellow (0%)
- Black (57%)



- Cyan (87%)
- Magenta (66%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22566D 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 22566D by changing the saturation by 10% instead.

■ 22566D

■ 22566D

FFFFFF

■ 003F55

■ 5888A1

■ 00293D

■ 72A2BC

■ 001527

■ 8DBDD7

■ 000112

■ A9D9F4

■ 000000

■ C5F5FF

■ E1FFFF

■ 22566D

■ 22566D

■ 17536D

■ 2D596D

0C4F6D

385D6D

014C6D

43606D

004C6D

4E636D

59676D

636A6D

6E6D6D

79716D

84746D

Harmonies

Analogous

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



135962



22566D



3C5171

Triad

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



22566D



6F444F



485535

Complementary

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



22566D



6D3922

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.



5A5030



22566D



6F463F

Square

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



22566D



66465F



674A34



355841

Rectangle

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



22566D



4D4E6E



674A34



4F5332

Sweetspot

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



22566D



71868F



226D39



364247



C7C7C7



474747

Same Dimension

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



22566D



186A8F



22316D



303436



005175



00AAF5

Inverse Universe

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



6D2256



8F186A



6D5E22



363034



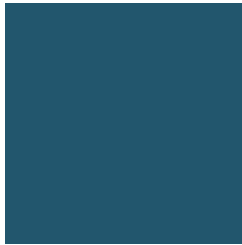
750051



F500AA

Previews

White Background



This preview shows how the Hex color 22566D looks on a white background.

Color Contrast Check

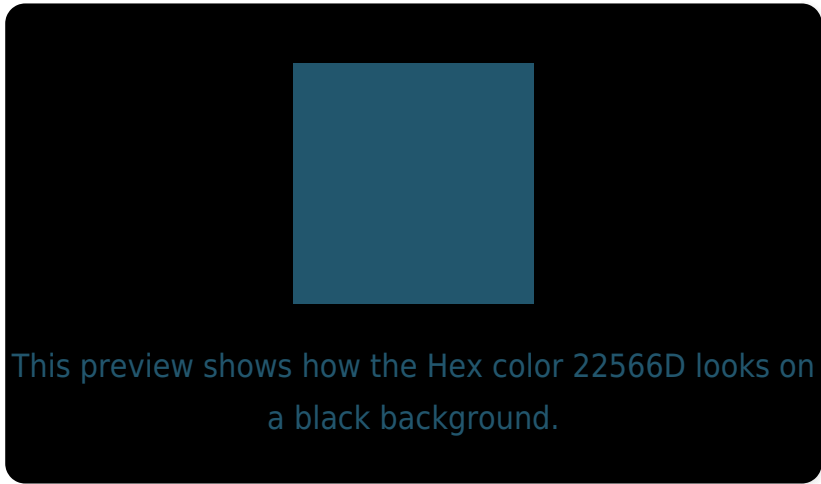
Large Text (above 18pt) WCAG AA ✓ Pass

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

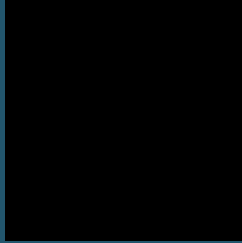
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

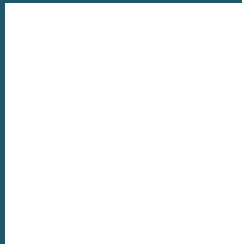
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 22566D Background



This preview shows how black text looks on a background with the Hex color 22566D.

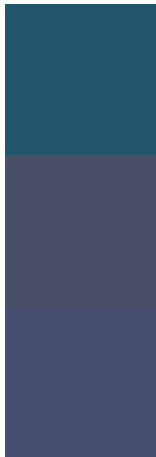


This preview shows how white text looks on a background with the Hex color 22566D.

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
22566D

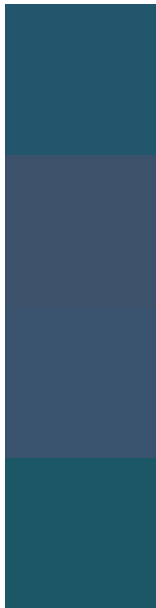
Protanopia
4A4F68

Deuteranopia
464F6F



Tritanopia
195860

Trichromacy



Original Color
22566D

Protanomaly
3B526A

Deuteranomaly
39526E

Tritanomaly
1C5765

Monochromacy



Original Color
22566D

Achromatopsia
494949

Achromatomaly
3B4E56

CSS Examples

Text

The CSS property to change the color of the text to Hex 22566D 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 #22566D looks like.

```
.text, #text, p{  
    color:#22566D  
}
```

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 #22566D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22566D
}
```

Border

The CSS property to change the border of an element to Hex 22566D 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
#22566D }
```

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

```
.border{ border-color:#22566D }
```

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

Here you see how a box with a 4 pixel #22566D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22566D; -webkit-box-shadow:4px 4px  
4px 4px #22566D; box-shadow:4px 4px 4px  
4px #22566D }
```

Background

The CSS property to change the background color of an element to Hex 22566D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22566D }
```

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

```
.background{ background-color:#22566D }
```

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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