

Converting Colors

Hex(4D6689)

Have a look what the booklet for
Hex(4D6689) contains.

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Color

Hex(4D6689)

Conversions

Conversions Part 1

Format	Color
Hex	4D6689
RGB	77, 102, 137
RGB Percent	30%, 40%, 54%
CMY	0.6980, 0.6000, 0.4627
CMYK	0.44, 0.26, 0.00, 0.46
HSL	215°, 28%, 42%
HSV	215°, 44%, 54%
XYZ	12.3273, 12.8867, 25.5046
YIQ	98.5150, -26.1350, 5.5850

Conversions

Conversions Part 2

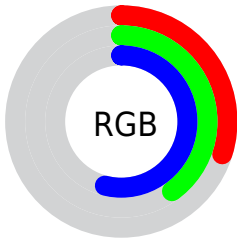
Format	Color
RYB	77, 95, 137
Decimal	5072521
CIELab	42.59, 0.54, -22.27
CIElCh	43, 22.273, 271.392
Yxy	12.8867, 0.2431, 0.2541
Android (android.graphics.Color)	4283262601 (0xFF4D6689)
YUV	98.5150, 18.9731, -18.8687
Hunter-Lab	35.8980, -1.5250, -16.9954

Details

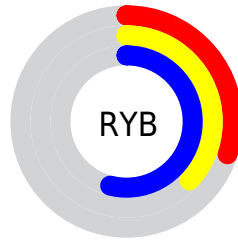
The Hex color **4D6689** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **89704D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8199BF**, and **1A3757** is the 20% darker color. If you saturate the color by 10%, you get **3F5E89**, and if you desaturate by 10%, it is **5B6E89**.

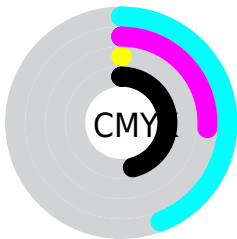
Distribution



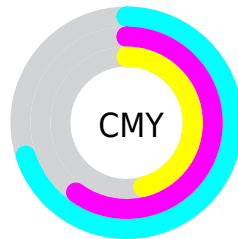
- Red (30%)
- Green (40%)
- Blue (54%)



- Red (30%)
- Yellow (37%)
- Blue (54%)



- Cyan (44%)
- Magenta (26%)
- Yellow (0%)
- Black (46%)



- Cyan (70%)
- Magenta (60%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6689 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 4D6689 by changing the saturation by 10% instead.



4D6689



4D6689

FFFFFF



344E6F



8199BF



1A3757



9BB4DA



00223F



B7CFF7



000C29



D3EBFF



000114



F0FFFF



000000



4D6689



4D6689



3F5E89



5B6E89



325689



687689

■ 244E89

■ 767E89

■ 164689

■ 848689

■ 083E89

■ 918E89

■ 003989

■ 9F9689

■ AD9E89

■ BBA689

■ C8AE89

Harmonies

Analogous

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



326B84



4D6689



686084

Triad

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



4D6689



885852



476D52

Complementary

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



4D6689



89704D

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.



5D6945



4D6689



805D45

Square

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



4D6689



885764



706440



326F65

Rectangle

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



4D6689



775B7C



706440



4F6C4D

Sweetspot

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



4D6689



9BA5B3



4D8970



4B5159



D9D9D9



595959

Same Dimension

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



4D6689



547BB3



514D89



3E4145



003785



000205

Inverse Universe

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



894D66



B3547B



84894D



453E41



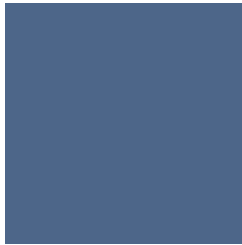
850037



050002

Previews

White Background



This preview shows how the Hex color 4D6689 looks on a white background.

Color Contrast Check

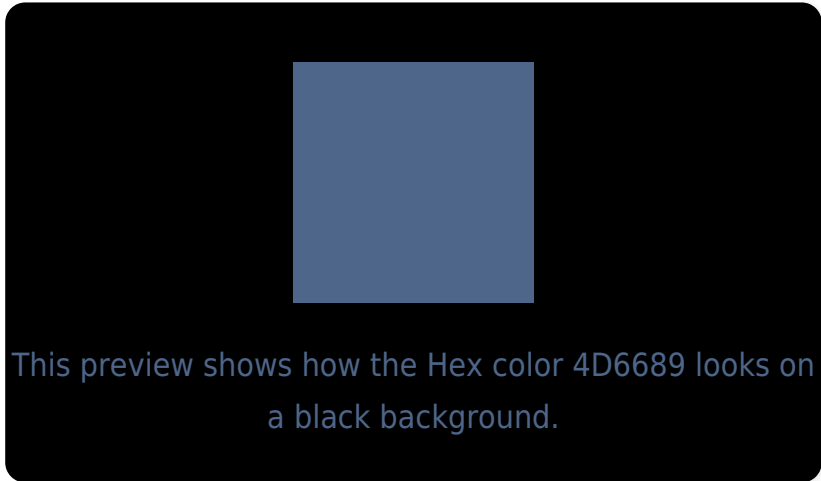
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

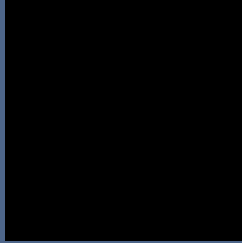
Any Text WCAG AA × Fail

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 4D6689 Background



This preview shows how black text looks on a background with the Hex color 4D6689.

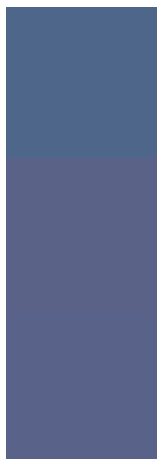


This preview shows how white text looks on a background with the Hex color 4D6689.

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

4D6689

Protanopia

5A6387

Deuteranopia

59638A



Tritanopia
476A73

Trichromacy



Original Color
4D6689

Protanomaly
556488

Deuteranomaly
55648A

Tritanomaly
49697B

Monochromacy



Original Color
4D6689

Achromatopsia
636363

Achromatomaly
5B6471

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6689 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 #4D6689 looks like.

```
.text, #text, p{  
    color:#4D6689  
}
```

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 #4D6689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6689
}
```

Border

The CSS property to change the border of an element to Hex 4D6689 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
#4D6689 }
```

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

```
.border{ border-color:#4D6689 }
```

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

Here you see how a box with a 4 pixel #4D6689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6689; -webkit-box-shadow:4px 4px  
4px 4px #4D6689; box-shadow:4px 4px 4px  
4px #4D6689 }
```

Background

The CSS property to change the background color of an element to Hex 4D6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6689 }
```

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

```
.background{ background-color:#4D6689 }
```

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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