

Converting Colors

Hex(23728E)

Have a look what the booklet for
Hex(23728E) contains.

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Color

Hex(23728E)

Conversions

Conversions Part 1

Format	Color
Hex	23728E
RGB	35, 114, 142
RGB Percent	14%, 45%, 56%
CMY	0.8627, 0.5529, 0.4431
CMYK	0.75, 0.20, 0.00, 0.44
HSL	196°, 60%, 35%
HSV	196°, 75%, 56%
XYZ	11.5929, 14.3449, 27.7490
YIQ	93.5710, -56.0720, -8.0400

Conversions

Conversions Part 2

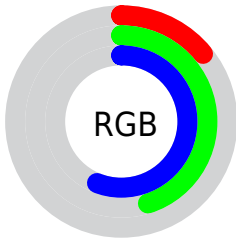
Format	Color
R_{YB}	35, 80, 142
Decimal	2323086
CIE _{Lab}	44.72, -13.78, -22.11
CIE _{LCh}	45, 26.047, 238.070
Yxy	14.3449, 0.2159, 0.2672
Android (android.graphics.Color)	4280513166 (0xFF23728E)
YUV	93.5710, 23.8755, -51.3668
Hunter-Lab	37.8747, -11.6444, -16.9267

Details

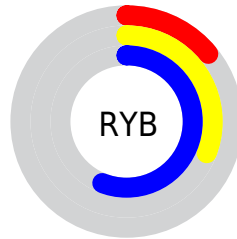
The Hex color **23728E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8E3F23**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **60A6C4**, and **00425C** is the 20% darker color. If you saturate the color by 10%, you get **156E8E**, and if you desaturate by 10%, it is **31768E**.

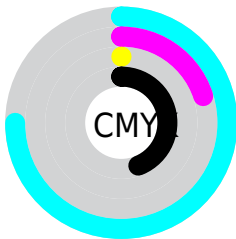
Distribution



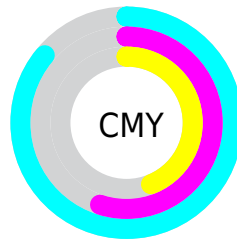
- Red (14%)
- Green (45%)
- Blue (56%)



- Red (14%)
- Yellow (31%)
- Blue (56%)



- Cyan (75%)
- Magenta (20%)
- Yellow (0%)
- Black (44%)



- Cyan (86%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23728E 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 23728E by changing the saturation by 10% instead.

 23728E

 23728E

FFFFFF

 005974

 60A6C4

 00425C

 7CC1E0

 002C44

 98DDFC

 00182E

 B5FAFF

 000119

 D2FFFF


 000000

 EFFFFFF

 23728E

 23728E

 156E8E

 31768E

076B8E

3F798E

00698E

4E7D8E

5C818E

6A858E

78888E

868C8E

95908E

A3938E

Harmonies

Analogous

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



13757D



23728E



486C95

Triad

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



23728E



92596C



636F43

Complementary

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



23728E



8E3F23

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.



79683E



23728E



945B56

Square

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



23728E



845D81



8B6046



4A7352

Rectangle

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



23728E



606793



8B6046



6B6D40

Sweetspot

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



23728E



8DADB8



238E3E



42555C



DBDBDB



5C5C5C

Same Dimension

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



23728E



128CB8



233E8E



404647



006487



000608

Inverse Universe

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



8E2372



B8128C



8E7323



474046



870064



080006

Previews

White Background



This preview shows how the Hex color 23728E looks on a white background.

Color Contrast Check

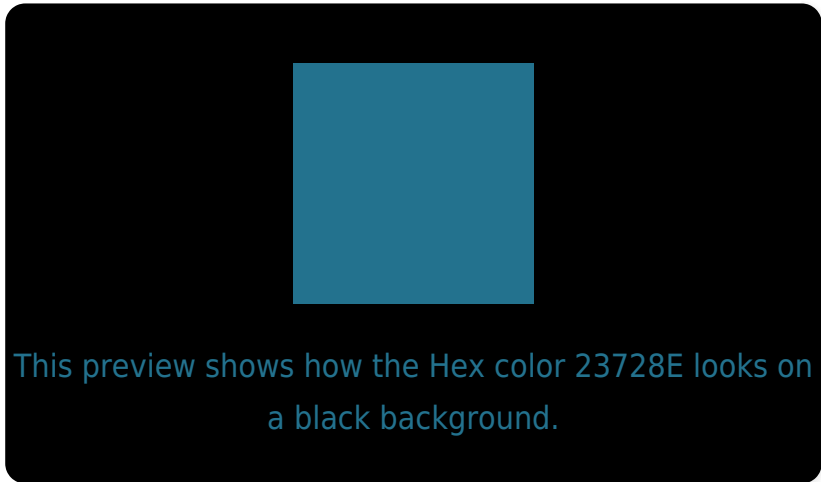
Large Text (above 18pt) WCAG AA ✓ Pass

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

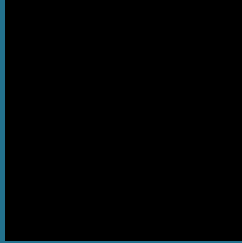
Any Text WCAG AA × Fail

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 23728E Background



This preview shows how black text looks on a background with the Hex color 23728E.

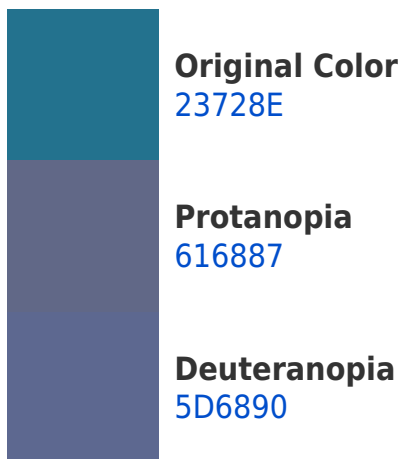


This preview shows how white text looks on a background with the Hex color 23728E.

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](#).

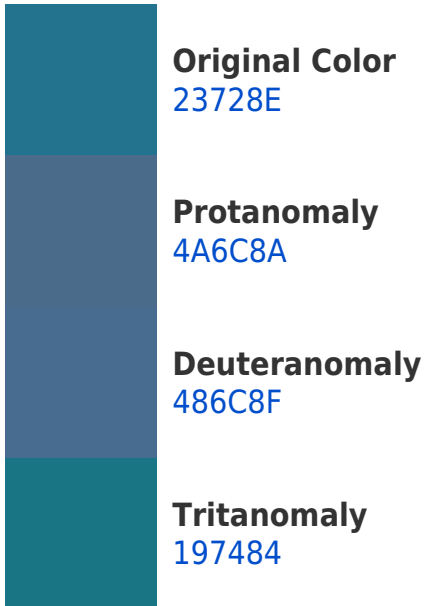
Dichromacy





Tritanopia
14757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23728E 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 #23728E looks like.

```
.text, #text, p{  
    color:#23728E  
}
```

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 #23728E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23728E
}
```

Border

The CSS property to change the border of an element to Hex 23728E 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
#23728E }
```

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

```
.border{ border-color:#23728E }
```

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

Here you see how a box with a 4 pixel #23728E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23728E; -webkit-box-shadow:4px 4px  
4px 4px #23728E; box-shadow:4px 4px 4px  
4px #23728E }
```

Background

The CSS property to change the background color of an element to Hex 23728E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23728E }
```

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

```
.background{ background-color:#23728E }
```

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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