

Converting Colors

Hex(203E58)

Have a look what the booklet for
Hex(203E58) contains.

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Color

Hex(203E58)

Conversions

Conversions Part 1

Format	Color
Hex	203E58
RGB	32, 62, 88
RGB Percent	13%, 24%, 35%
CMY	0.8745, 0.7569, 0.6549
CMYK	0.64, 0.30, 0.00, 0.65
HSL	208°, 47%, 24%
HSV	208°, 64%, 35%
XYZ	4.0797, 4.4569, 9.8778
YIQ	55.9940, -26.2260, 1.7260

Conversions

Conversions Part 2

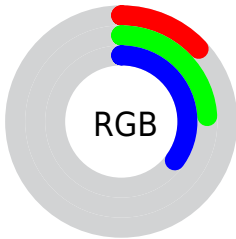
Format	Color
R_{YB}	32, 52, 88
Decimal	2113112
CIE _{Lab}	25.13, -2.21, -18.96
CIE _{LCh}	25, 19.084, 263.352
Yxy	4.4569, 0.2216, 0.2420
Android (android.graphics.Color)	4280303192 (0xFF203E58)
YUV	55.9940, 15.7790, -21.0427
Hunter-Lab	21.1114, -2.4501, -12.9631

Details

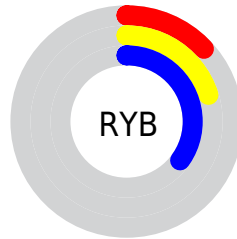
The Hex color **203E58** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **583A20**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **526D8A**, and **00142A** is the 20% darker color. If you saturate the color by 10%, you get **173A58**, and if you desaturate by 10%, it is **294258**.

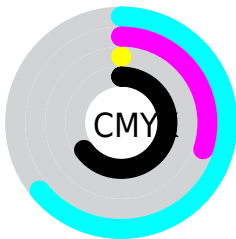
Distribution



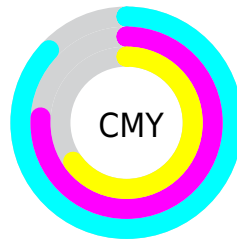
- Red (13%)
- Green (24%)
- Blue (35%)



- Red (13%)
- Yellow (20%)
- Blue (35%)



- Cyan (64%)
- Magenta (30%)
- Yellow (0%)
- Black (65%)



- Cyan (87%)
- Magenta (76%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 203E58 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 203E58 by changing the saturation by 10% instead.

■ 203E58

■ 203E58

FFFFFF

■ 032841

■ 526D8A

■ 00142A

■ 6B87A4

■ 000116

■ 85A1C0

■ 000000

■ A0BCDB

■ BCD7F8

■ D8F4FF

■ F5FFFF

■ 203E58

■ 203E58

■ 173A58

■ 294258

■ 0E3658

■ 324658

■ 063258

■ 3A4A58

■ 002F58

■ 434E58

■ 4C5258

■ 555758

■ 5E5B58

■ 665F58

■ 6F6358

Harmonies

Analogous

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



024152



203E58



383956

Triad

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



203E58



573131



29412A

Complementary

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



203E58



583A20

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.



393E21



203E58



523525

Square

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



203E58



55313F



483A1F



154338

Rectangle

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



203E58



453551



483A1F



2F4026

Sweetspot

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



203E58



5D6973



205839



2D343B



BABABA



3B3B3B

Same Dimension

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



203E58



1C4A73



202358



27292B



00396B



007EEB

Inverse Universe

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



58203E



731C4A



585520



2B2729



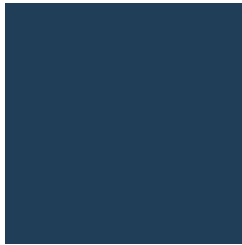
6B0039



EB007E

Previews

White Background



This preview shows how the Hex color 203E58 looks on a white background.

Color Contrast Check

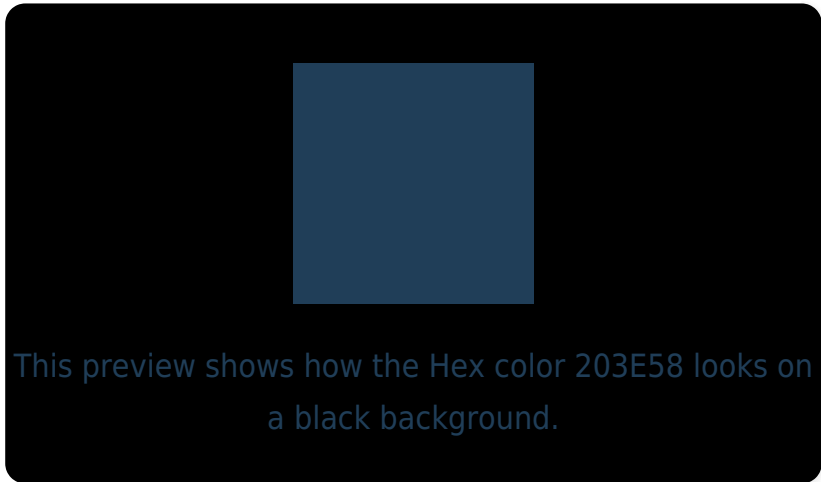
Large Text (above 18pt) WCAG AA ✓ Pass

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

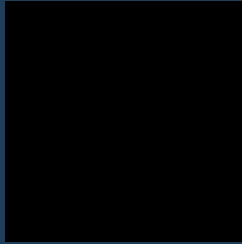
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

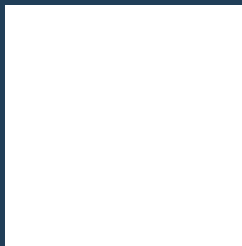
Any Text WCAG AAA × Fail

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

Hex 203E58 Background



This preview shows how black text looks on a background with the Hex color 203E58.



This preview shows how white text looks on a background with the Hex color 203E58.

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
203E58

Protanopia
333B55

Deuteranopia
2E3B59



Tritanopia
174147

Trichromacy



Original Color
203E58

Protanomaly
2C3C56

Deuteranomaly
293C59

Tritanomaly
1A404D

Monochromacy



Original Color
203E58

Achromatopsia
383838

Achromatomaly
2F3A44

CSS Examples

Text

The CSS property to change the color of the text to Hex 203E58 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 #203E58 looks like.

```
.text, #text, p{  
    color:#203E58  
}
```

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 #203E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #203E58
}
```

Border

The CSS property to change the border of an element to Hex 203E58 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
#203E58 }
```

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

```
.border{ border-color:#203E58 }
```

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

Here you see how a box with a 4 pixel #203E58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #203E58; -webkit-box-shadow:4px 4px  
4px 4px #203E58; box-shadow:4px 4px 4px  
4px #203E58 }
```

Background

The CSS property to change the background color of an element to Hex 203E58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#203E58 }
```

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

```
.background{ background-color:#203E58 }
```

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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