

Converting Colors

Hex(23545E)

Have a look what the booklet for
Hex(23545E) contains.

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Color

Hex(23545E)

Conversions

Conversions Part 1

Format	Color
Hex	23545E
RGB	35, 84, 94
RGB Percent	14%, 33%, 37%
CMY	0.8627, 0.6706, 0.6314
CMYK	0.63, 0.11, 0.00, 0.63
HSL	190°, 46%, 25%
HSV	190°, 63%, 37%
XYZ	5.8838, 7.5061, 11.7284
YIQ	70.4890, -32.4140, -7.2780

Conversions

Conversions Part 2

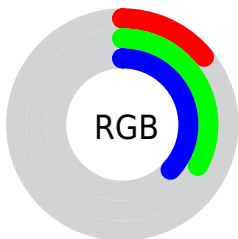
Format	Color
R_{YB}	35, 62, 94
Decimal	2315358
CIE _{Lab}	32.93, -13.12, -10.79
CIE _{LCh}	33, 16.992, 219.439
Yxy	7.5061, 0.2342, 0.2988
Android (android.graphics.Color)	4280505438 (0xFF23545E)
YUV	70.4890, 11.5909, -31.1239
Hunter-Lab	27.3973, -9.6107, -6.2031

Details

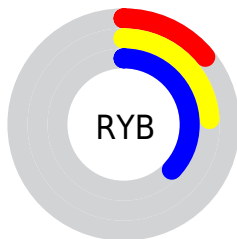
The Hex color **23545E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E2D23**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **568690**, and **002730** is the 20% darker color. If you saturate the color by 10%, you get **1A525E**, and if you desaturate by 10%, it is **2C565E**.

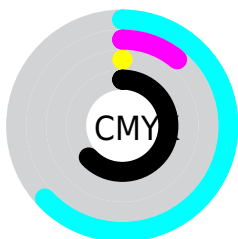
Distribution



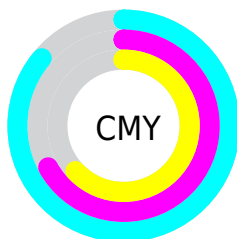
- Red (14%)
- Green (33%)
- Blue (37%)



- Red (14%)
- Yellow (24%)
- Blue (37%)



- Cyan (63%)
- Magenta (11%)
- Yellow (0%)
- Black (63%)



- Cyan (86%)
- Magenta (67%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23545E 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 23545E by changing the saturation by 10% instead.

■ 23545E

■ 23545E

FFFFFF

■ 033D46

■ 568690

■ 002730

■ 70A0AB

■ 00131B

■ 8BBBC6

■ 000000

■ A6D7E2

■ C2F3FF

■ DEFFFF

■ FBFFFF

■ 23545E

■ 23545E

■ 1A525E

■ 2C565E

■ 10515E

■ 36575E

■ 074F5E

■ 3F595E

■ 004E5E

■ 495A5E

■ 525C5E

■ 5B5E5E

■ 655F5E

■ 6E615E

■ 78625E

Harmonies

Analogous

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



275551



23545E



2F5166

Triad

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



23545E



624557



534E33

Complementary

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



23545E



5E2D23

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.



5F4935



23545E



68434A

Square

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



23545E



554962



67453D



445238

Rectangle

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



23545E



3C4F68



67453D



574D33

Sweetspot

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



23545E



63767A



235E2D



2F3B3D



BDBDBD



3D3D3D

Same Dimension

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



23545E



1F6B7A



23375E



292D2E



005B6E



00C5ED

Inverse Universe

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



5E2354



7A1F6B



5E4A23



2E292D



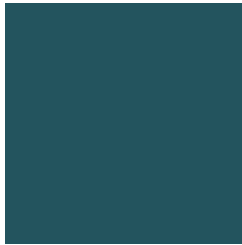
6E005B



ED00C5

Previews

White Background



This preview shows how the Hex color 23545E looks on a white background.

Color Contrast Check

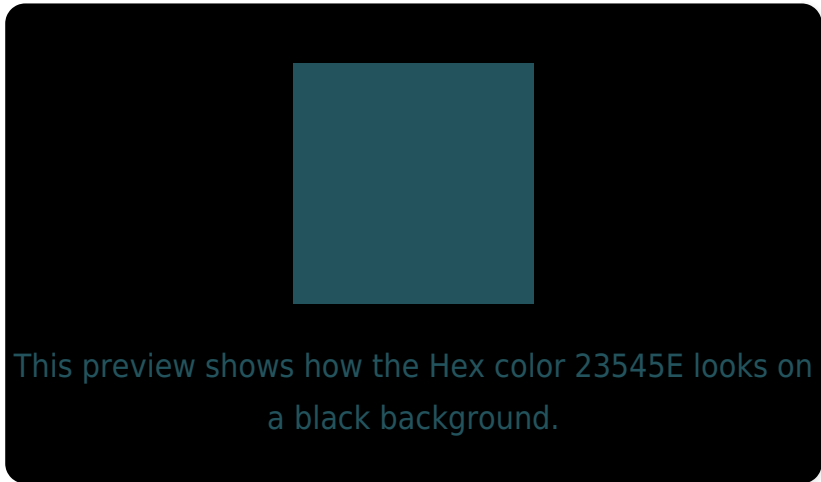
Large Text (above 18pt) WCAG AA ✓ Pass

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 23545E Background



This preview shows how black text looks on a background with the Hex color 23545E.



This preview shows how white text looks on a background with the Hex color 23545E.

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
23545E

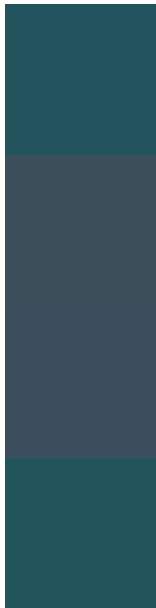
Protanopia
4B4D59

Deuteranopia
4B4C60



Tritanopia
22545B

Trichromacy



Original Color
23545E

Protanomaly
3C505B

Deuteranomaly
3C4F5F

Tritanomaly
22545C

Monochromacy



Original Color
23545E

Achromatopsia
464646

Achromatomaly
394B4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 23545E 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 #23545E looks like.

```
.text, #text, p{  
    color:#23545E  
}
```

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 #23545E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23545E
}
```

Border

The CSS property to change the border of an element to Hex 23545E 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".

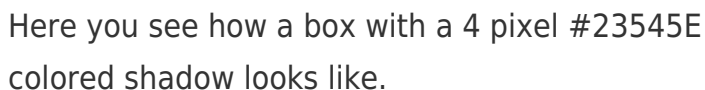
```
.border, #border, table{ border:4px solid
#23545E }
```

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

```
.border{ border-color:#23545E }
```

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

Here you see how a box with a 4 pixel #23545E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23545E; -webkit-box-shadow:4px 4px  
4px 4px #23545E; box-shadow:4px 4px 4px  
4px #23545E }
```

Background

The CSS property to change the background color of an element to Hex 23545E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23545E }
```

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

```
.background{ background-color:#23545E }
```

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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