

Converting Colors

Hex(2E3552)

Have a look what the booklet for
Hex(2E3552) contains.

Hex(2E3552)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E3552)

Conversions

Conversions Part 1

Format	Color
Hex	2E3552
RGB	46, 53, 82
RGB Percent	18%, 21%, 32%
CMY	0.8196, 0.7922, 0.6784
CMYK	0.44, 0.35, 0.00, 0.68
HSL	228°, 28%, 25%
HSV	228°, 44%, 32%
XYZ	3.9228, 3.7362, 8.4971
YIQ	54.2130, -13.4810, 7.5350

Conversions

Conversions Part 2

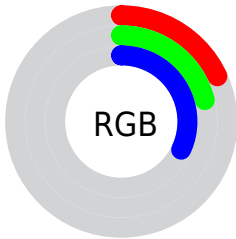
Format	Color
R_YB	46, 52, 82
Decimal	3028306
CIE _{Lab}	22.78, 5.64, -18.61
CIE _{LCh}	23, 19.441, 286.859
Yxy	3.7362, 0.2428, 0.2313
Android (android.graphics.Color)	4281218386 (0xFF2E3552)
YUV	54.2130, 13.6990, -7.2028
Hunter-Lab	19.3294, 2.3994, -12.5329

Details

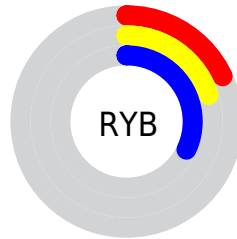
The Hex color **2E3552** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **524B2E**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5E6384**, and **010825** is the 20% darker color. If you saturate the color by 10%, you get **262E52**, and if you desaturate by 10%, it is **363C52**.

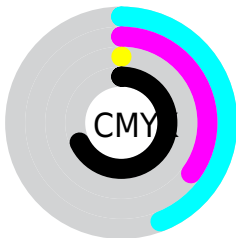
Distribution



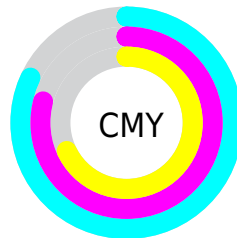
- Red (18%)
- Green (21%)
- Blue (32%)



- Red (18%)
- Yellow (20%)
- Blue (32%)



- Cyan (44%)
- Magenta (35%)
- Yellow (0%)
- Black (68%)



- Cyan (82%)
- Magenta (79%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E3552 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 2E3552 by changing the saturation by 10% instead.

■ 2E3552

■ 2E3552

FFFFFF

■ 17203B

■ 5E6384

■ 010825

■ 777C9E

■ 00010E

■ 9196B9

■ 000000

■ ACB1D4

■ C7CCF1

■ E3E8FF

■ 2E3552

■ 2E3552

■ 262E52

■ 363C52

■ 1E2852

■ 3E4252

■ 152152

■ 474952

■ 0D1B52

■ 4F4F52

■ 051452

■ 575652

■ 001052

■ 5F5D52

■ 676352

■ 706A52

■ 787052

Harmonies

Analogous

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



123A52



2E3552



42304A

Triad

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



2E3552



4F2E22



133E2F

Complementary

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



2E3552



524B2E

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.



273C22



2E3552



45331A

Square

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



2E3552



522B2F



37381A



003E3E

Rectangle

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



2E3552



4B2D42



37381A



1A3D2B

Sweetspot

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



2E3552



5D606B



2E524B



2D2F36



B5B5B5



363636

Same Dimension

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



2E3552



323D6B



392E52



252629



001469



002DE8

Inverse Universe

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



522E35



6B323D



47522E



292526



690014



E8002D

Previews

White Background



This preview shows how the Hex color 2E3552 looks on a white background.

Color Contrast Check

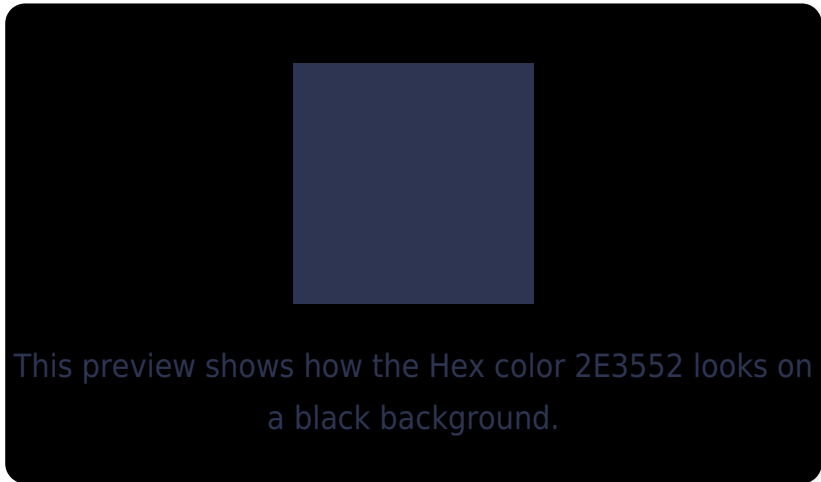
Large Text (above 18pt) WCAG AA ✓ Pass

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

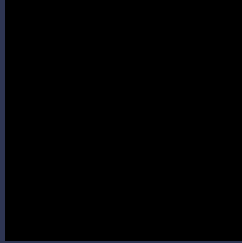
Any Text WCAG AA × Fail

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 2E3552 Background



This preview shows how black text looks on a background with the Hex color 2E3552.



This preview shows how white text looks on a background with the Hex color 2E3552.

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](#).

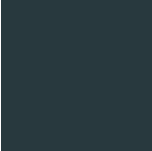
Dichromacy



Original Color
2E3552

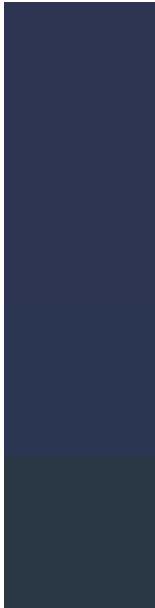
Protanopia
2C3552

Deuteranopia
2A3652



Tritanopia
28393E

Trichromacy



Original Color
2E3552

Protanomaly
2D3552

Deuteranomaly
2B3652

Tritanomaly
2A3845

Monochromacy



Original Color
2E3552

Achromatopsia
363636

Achromatomaly
333640

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E3552 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 #2E3552 looks like.

```
.text, #text, p{  
    color:#2E3552  
}
```

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 #2E3552 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E3552
}
```

Border

The CSS property to change the border of an element to Hex 2E3552 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
#2E3552 }
```

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

```
.border{ border-color:#2E3552 }
```

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

Here you see how a box with a 4 pixel #2E3552 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E3552; -webkit-box-shadow:4px 4px  
4px 4px #2E3552; box-shadow:4px 4px 4px  
4px #2E3552 }
```

Background

The CSS property to change the background color of an element to Hex 2E3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E3552 }
```

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

```
.background{ background-color:#2E3552 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor