

Converting Colors

Hex(2C3552)

Have a look what the booklet for
Hex(2C3552) contains.

Hex(2C3552)	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(2C3552)

Conversions

Conversions Part 1

Format	Color
Hex	2C3552
RGB	44, 53, 82
RGB Percent	17%, 21%, 32%
CMY	0.8275, 0.7922, 0.6784
CMYK	0.46, 0.35, 0.00, 0.68
HSL	226°, 30%, 25%
HSV	226°, 46%, 32%
XYZ	3.8348, 3.6909, 8.4929
YIQ	53.6150, -14.6730, 7.1110

Conversions

Conversions Part 2

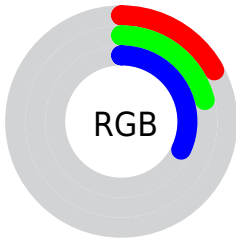
Format	Color
R_{YB}	44, 51, 82
Decimal	2897234
CIE Lab	22.62, 5.02, -18.86
CIE LCh	23, 19.519, 284.890
Yxy	3.6909, 0.2394, 0.2304
Android (android.graphics.Color)	4281087314 (0xFF2C3552)
YUV	53.6150, 13.9938, -8.4324
Hunter-Lab	19.2116, 2.0096, -12.7623

Details

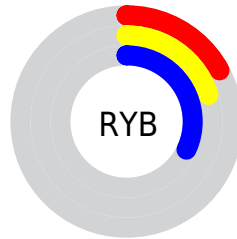
The Hex color **2C3552** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **52492C**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **5C6384**, and **000825** is the 20% darker color. If you saturate the color by 10%, you get **242F52**, and if you desaturate by 10%, it is **343B52**.

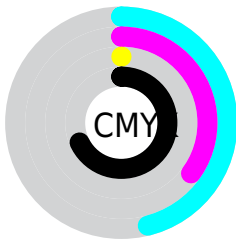
Distribution



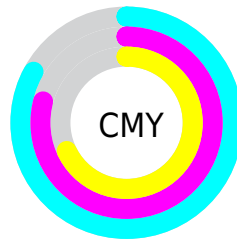
- Red (17%)
- Green (21%)
- Blue (32%)



- Red (17%)
- Yellow (20%)
- Blue (32%)



- Cyan (46%)
- Magenta (35%)
- Yellow (0%)
- Black (68%)



- Cyan (83%)
- Magenta (79%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3552 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 2C3552 by changing the saturation by 10% instead.

■ 2C3552

■ 2C3552

FFFFFF

■ 15203B

■ 5C6384

■ 000825

■ 757C9E

■ 00010E

■ 8F96B9

■ 000000

■ AAB1D4

■ C5CCF1

■ E1E8FF

FEFFFF

■ 2C3552

■ 2C3552

■ 242F52

■ 343B52

■ 1C2852

■ 3C4252

■ 132252

■ 454852

■ 0B1C52

■ 4D4E52

■ 031652

■ 555452

■ 001352

■ 5D5B52

■ 656152

■ 6E6752

■ 766D52

Harmonies

Analogous

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



0E3A52



2C3552



41304B

Triad

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



2C3552



4F2E22



143D2E

Complementary

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



2C3552



52492C

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.



283B21



2C3552



45331A

Square

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



2C3552



522A2F



383719



003E3D

Rectangle

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



2C3552



4A2C43



383719



1B3D29

Sweetspot

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



2C3552



5C606B



2C5249



2C2F36



B5B5B5



363636

Same Dimension

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



2C3552



2F3D6B



352C52



252629



001969



0037E8

Inverse Universe

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



522C35



6B2F3D



49522C



292526



690019



E80037

Previews

White Background



This preview shows how the Hex color 2C3552 looks on a white background.

Color Contrast Check

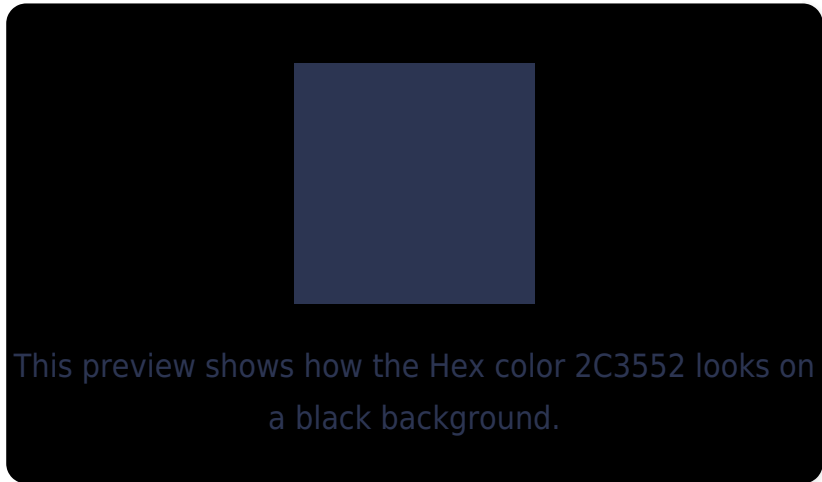
Large Text (above 18pt) WCAG AA ✓ Pass

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

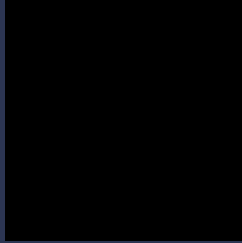
Any Text WCAG AA × Fail

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 2C3552 Background



This preview shows how black text looks on a background with the Hex color 2C3552.



This preview shows how white text looks on a background with the Hex color 2C3552.

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](#).

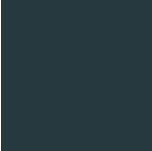
Dichromacy



Original Color
2C3552

Protanopia
2C3552

Deuteranopia
293652



Tritanopia
26393E

Trichromacy



Original Color
2C3552

Protanomaly
2C3552

Deuteranomaly
2A3652

Tritanomaly
283845

Monochromacy



Original Color
2C3552

Achromatopsia
363636

Achromatomaly
323640

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3552 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 #2C3552 looks like.

```
.text, #text, p{  
    color:#2C3552  
}
```

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 #2C3552 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3552
}
```

Border

The CSS property to change the border of an element to Hex 2C3552 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
#2C3552 }
```

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

```
.border{ border-color:#2C3552 }
```

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

Here you see how a box with a 4 pixel #2C3552 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3552; -webkit-box-shadow:4px 4px  
4px 4px #2C3552; box-shadow:4px 4px 4px  
4px #2C3552 }
```

Background

The CSS property to change the background color of an element to Hex 2C3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3552 }
```

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

```
.background{ background-color:#2C3552 }
```

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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