

Converting Colors

Hex(353264)

Have a look what the booklet for
Hex(353264) contains.

Hex(353264)	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(353264)

Conversions

Conversions Part 1

Format	Color
Hex	353264
RGB	53, 50, 100
RGB Percent	21%, 20%, 39%
CMY	0.7922, 0.8039, 0.6078
CMYK	0.47, 0.50, 0.00, 0.61
HSL	244°, 33%, 29%
HSV	244°, 50%, 39%
XYZ	4.9091, 3.9582, 12.5619
YIQ	56.5970, -14.2620, 16.1860

Conversions

Conversions Part 2

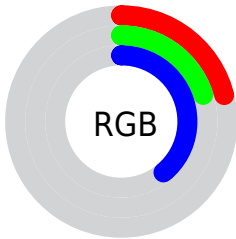
Format	Color
R_{YB}	53, 50, 100
Decimal	3486308
CIE _{Lab}	23.53, 15.80, -29.20
CIE _{LCh}	24, 33.206, 298.422
Yxy	3.9582, 0.2291, 0.1847
Android (android.graphics.Color)	4281676388 (0xFF353264)
YUV	56.5970, 21.3977, -3.1546
Hunter-Lab	19.8952, 9.2275, -23.5092

Details

The Hex color **353264** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **616432**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **676097**, and **050535** is the 20% darker color. If you saturate the color by 10%, you get **2C2864**, and if you desaturate by 10%, it is **3E3C64**.

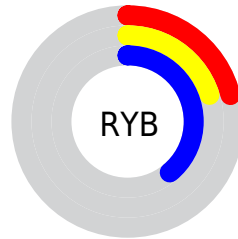
Distribution



 Red (21%)

 Green (20%)

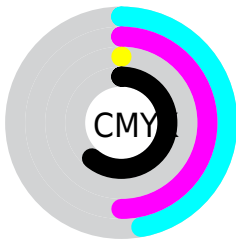
 Blue (39%)




 Red (21%)

 Yellow (20%)

 Blue (39%)

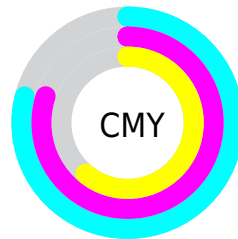


 Cyan (47%)


 Magenta (50%)

 Yellow (0%)

 Black (61%)



 Cyan (79%)

 Magenta (80%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 353264 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 353264 by changing the saturation by 10% instead.

■ 353264

■ 353264

FFFFFF

■ 1C1D4C

■ 676097

■ 050535

■ 8179B2

■ 00021F

■ 9B93CE

■ 000002

■ B7ADEA

■ 000000

■ D3C9FF

■ EFE5FF

■ 353264

■ 353264

■ 2C2864

■ 3E3C64

■ 221E64

■ 484664

■ 191464

■ 515064

■ 0F0A64

■ 5B5A64

■ 060064

■ 646464

■ 6D6E64

■ 777864

■ 808264

■ 8A8C64

Harmonies

Analogous

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



003B6A



353264



552752

Triad

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



353264



582D0C



004336

Complementary

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



353264



616432

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.



03421D



353264



463600

Square

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



353264



632322



2D3D06



00434F

Rectangle

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



353264



602143



2D3D06



00432D

Sweetspot

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



353264



706F82



326264



373642



C2C2C2



424242

Same Dimension

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



353264



393482



4E3264



2E2E33



070073



0F00F2

Inverse Universe

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



643261



82347D



496432



332E33



73006C



F200E4

Previews

White Background



This preview shows how the Hex color 353264 looks on a white background.

Color Contrast Check

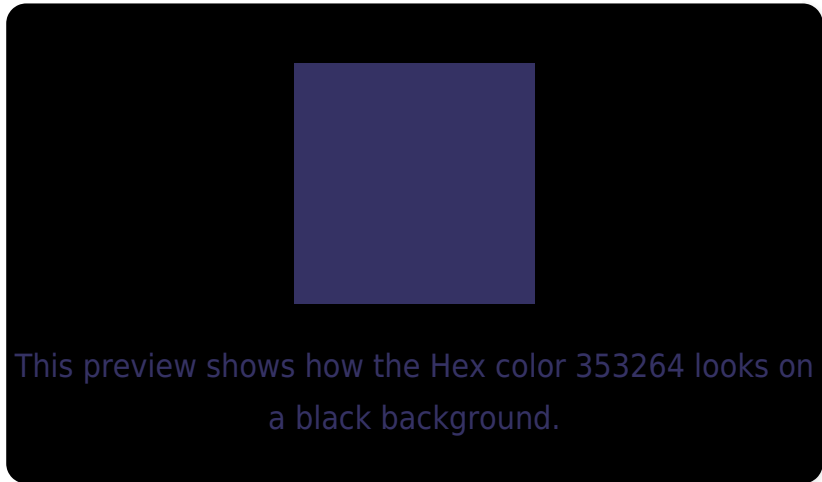
Large Text (above 18pt) WCAG AA ✓ Pass

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

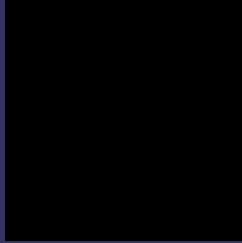
Any Text WCAG AA × Fail

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 353264 Background



This preview shows how black text looks on a background with the Hex color 353264.



This preview shows how white text looks on a background with the Hex color 353264.

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](#).

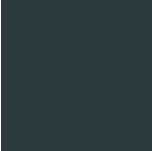
Dichromacy



Original Color
353264

Protanopia
1E3669

Deuteranopia
143962



Tritanopia
2B3B40

Trichromacy



Original Color
353264

Protanomaly
263567

Deuteranomaly
203663

Tritanomaly
2F384D

Monochromacy



Original Color
353264

Achromatopsia
393939

Achromatomaly
383649

CSS Examples

Text

The CSS property to change the color of the text to Hex 353264 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 #353264 looks like.

```
.text, #text, p{  
    color:#353264  
}
```

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 #353264 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353264
}
```

Border

The CSS property to change the border of an element to Hex 353264 is called "border". The border property can be set on classes, ids or directly on the HTML element.

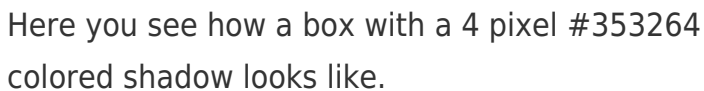
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#353264 }
```

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

```
.border{ border-color:#353264 }
```

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



Here you see how a box with a 4 pixel #353264 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353264; -webkit-box-shadow:4px 4px  
4px 4px #353264; box-shadow:4px 4px 4px  
4px #353264 }
```

Background

The CSS property to change the background color of an element to Hex 353264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353264 }
```

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

```
.background{ background-color:#353264 }
```

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