

Converting Colors

Hex(2D1353)

Have a look what the booklet for
Hex(2D1353) contains.

Hex(2D1353)	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(2D1353)

Conversions

Conversions Part 1

Format	Color
Hex	2D1353
RGB	45, 19, 83
RGB Percent	18%, 7%, 33%
CMY	0.8235, 0.9255, 0.6745
CMYK	0.46, 0.77, 0.00, 0.67
HSL	264°, 63%, 20%
HSV	264°, 77%, 33%
XYZ	2.8764, 1.6482, 8.3501
YIQ	34.0700, -5.0480, 25.4160

Conversions

Conversions Part 2

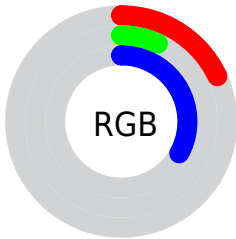
Format	Color
R _Y B	45, 19, 83
Decimal	2954067
CIE Lab	13.52, 28.57, -34.07
CIE LCh	14, 44.467, 309.979
Yxy	1.6482, 0.2234, 0.1280
Android (android.graphics.Color)	4281144147 (0xFF2D1353)
YUV	34.0700, 24.1225, 9.5856
Hunter-Lab	12.8381, 17.5265, -29.5767

Details

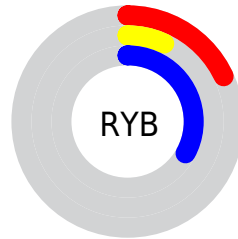
The Hex color **2D1353** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **395313**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **5F4085**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **280B53**, and if you desaturate by 10%, it is **321B53**.

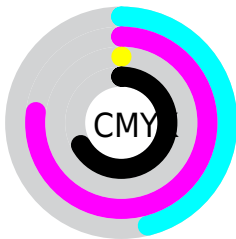
Distribution



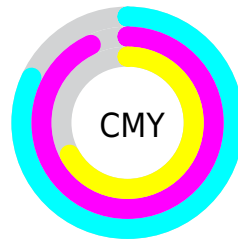
- Red (18%)
- Green (7%)
- Blue (33%)



- Red (18%)
- Yellow (7%)
- Blue (33%)



- Cyan (46%)
- Magenta (77%)
- Yellow (0%)
- Black (67%)



- Cyan (82%)
- Magenta (93%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D1353 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 2D1353 by changing the saturation by 10% instead.

 2D1353

 2D1353

 FFF9FF

 16003C

 5F4085

 000225

 7958A0

 00010D

 9371BB

 000000

 AF8AD7

 CAA5F3

 E7C0FF

 FFD0FF

 2D1353

 2D1353

■ 280B53

■ 321B53

■ 230253

■ 372453

■ 220053

■ 3C2C53

■ 413453

■ 463D53

■ 4B4553

■ 4F4D53

■ 545553

■ 595E53

Harmonies

Analogous

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



002461



2D1353



4D0039

Triad

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



2D1353



3C1900



002F2D

Complementary

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



2D1353



395313

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.



002E09



2D1353



232500

Square

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



2D1353



4F0000



002B00



002F4A

Rectangle

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



2D1353



550024



002B00



002F22

Sweetspot

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



2D1353



5C526B



133953



2D2736



B5B5B5



363636

Same Dimension

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



2D1353



30076B



4D1353



262529



2A0069



5E00E8

Inverse Universe

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



531339



6B0743



195313



292527



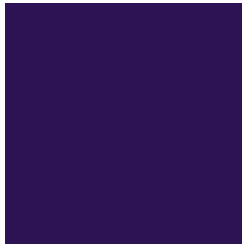
69003E



E8008A

Previews

White Background



This preview shows how the Hex color 2D1353 looks on a white background.

Color Contrast Check

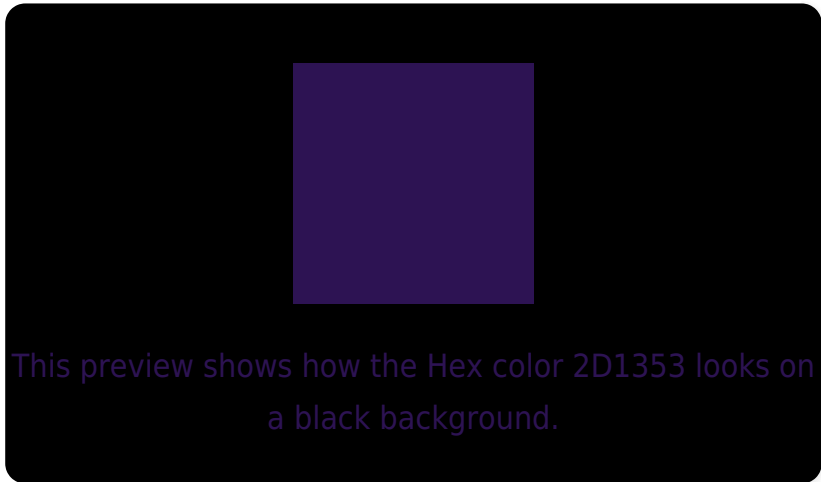
Large Text (above 18pt) WCAG AA ✓ Pass

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

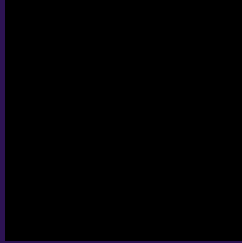
Any Text WCAG AA × Fail

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 2D1353 Background



This preview shows how black text looks on a background with the Hex color 2D1353.



This preview shows how white text looks on a background with the Hex color 2D1353.

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
2D1353

Protanopia
002349

Deuteranopia
00253F



Tritanopia
222427

Trichromacy



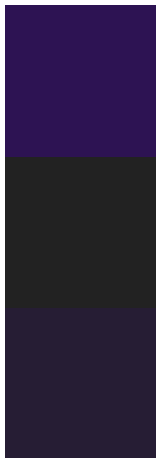
Original Color
2D1353

Protanomaly
101D4D

Deuteranomaly
101E46

Tritanomaly
261E37

Monochromacy



Original Color
2D1353

Achromatopsia
222222

Achromatomaly
261D34

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1353 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 #2D1353 looks like.

```
.text, #text, p{  
    color:#2D1353  
}
```

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 #2D1353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1353
}
```

Border

The CSS property to change the border of an element to Hex 2D1353 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
#2D1353 }
```

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

```
.border{ border-color:#2D1353 }
```

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

Here you see how a box with a 4 pixel #2D1353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1353; -webkit-box-shadow:4px 4px  
4px 4px #2D1353; box-shadow:4px 4px 4px  
4px #2D1353 }
```

Background

The CSS property to change the background color of an element to Hex 2D1353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1353 }
```

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

```
.background{ background-color:#2D1353 }
```

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