

Converting Colors

Hex(2D1A24)

Have a look what the booklet for
Hex(2D1A24) contains.

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Color

Hex(2D1A24)

Conversions

Conversions Part 1

Format	Color
Hex	2D1A24
RGB	45, 26, 36
RGB Percent	18%, 10%, 14%
CMY	0.8235, 0.8980, 0.8588
CMYK	0.00, 0.42, 0.20, 0.82
HSL	328°, 27%, 14%
HSV	328°, 42%, 18%
XYZ	1.7700, 1.4241, 1.8506
YIQ	32.8210, 8.1140, 7.1380

Conversions

Conversions Part 2

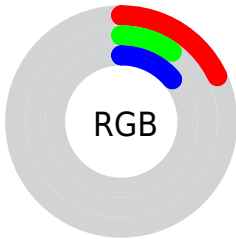
Format	Color
R_{YB}	45, 26, 36
Decimal	2955812
CIE _{Lab}	12.12, 11.34, -2.94
CIE _{LCh}	12, 11.714, 345.439
Yxy	1.4241, 0.3509, 0.2823
Android (android.graphics.Color)	4281145892 (0xFF2D1A24)
YUV	32.8210, 1.5672, 10.6810
Hunter-Lab	11.9334, 5.5927, -0.8414

Details

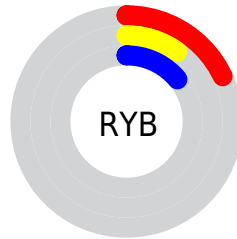
The Hex color **2D1A24** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1A2D23**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **5B4550**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D1622**, and if you desaturate by 10%, it is **2D1E26**.

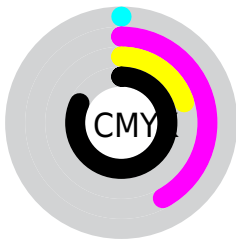
Distribution



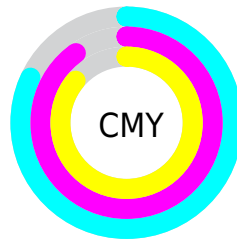
- Red (18%)
- Green (10%)
- Blue (14%)



- Red (18%)
- Yellow (10%)
- Blue (14%)



- Cyan (0%)
- Magenta (42%)
- Yellow (20%)
- Black (82%)



- Cyan (82%)
- Magenta (90%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D1A24 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 2D1A24 by changing the saturation by 10% instead.

■ 2D1A24

■ 2D1A24

FFFEFF

■ 1A000F

■ 5B4550

■ 000000

■ 745D68

■ 8E7682

■ A8909C

■ C3AAB6

■ DFC5D2

■ FCE1EE

■ 2D1A24

■ 2D1A24

■ 2D1622

■ 2D1E26

■ 2D1120

■ 2D2328

■ 2D0C1E

■ 2D282A

■ 2D081B

■ 2D2C2D

■ 2D0319

■ 2D312F

■ 2D0018

■ 2D3531

■ 2D3A33

■ 2D3E35

■ 2D4337

Harmonies

Analogous

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



261C2B



2D1A24



301A1C

Triad

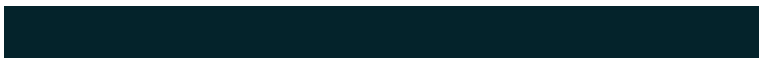
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2D1A24



21210F



04232B

Complementary

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



2D1A24



1A2D23

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.



052424



2D1A24



182314

Square

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



2D1A24



291E0F



0E241B



0E222F

Rectangle

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



2D1A24



2F1B17



0E241B



032429

Sweetspot

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



2D1A24



3B3337



231A2D



1F1A1C



9E9E9E



1F1F1F

Same Dimension

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



2D1A24



3B1D2C



2D1A1B



171516



57002E



D60071

Inverse Universe

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



2D1A24



3B1D2C



1A2D2C



171516



57002E



D60071

Previews

White Background



This preview shows how the Hex color 2D1A24 looks on a white background.

Color Contrast Check

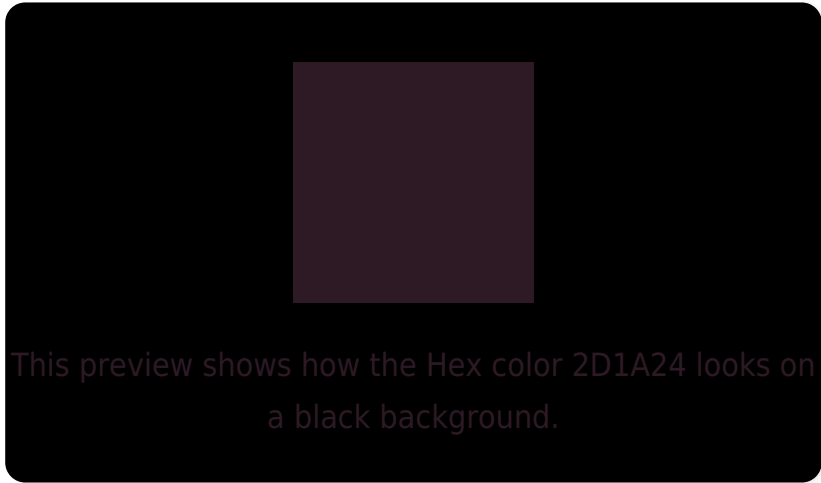
Large Text (above 18pt) WCAG AA ✓ Pass

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

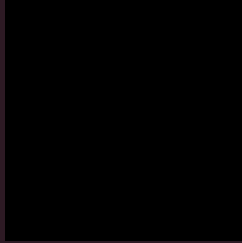
Any Text WCAG AA × Fail

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 2D1A24 Background



This preview shows how black text looks on a background with the Hex color 2D1A24.



This preview shows how white text looks on a background with the Hex color 2D1A24.

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
2D1A24

Protanopia
1E2028

Deuteranopia
221F23



Tritanopia
2C1B1D

Trichromacy



Original Color

2D1A24

Protanomaly

231E27

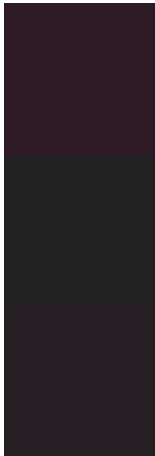
Deuteranomaly

261D23

Tritanomaly

2C1B20

Monochromacy



Original Color

2D1A24

Achromatopsia

212121

Achromatomaly

251E22

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1A24 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 #2D1A24 looks like.

```
.text, #text, p{  
    color:#2D1A24  
}
```

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 #2D1A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1A24
}
```

Border

The CSS property to change the border of an element to Hex 2D1A24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

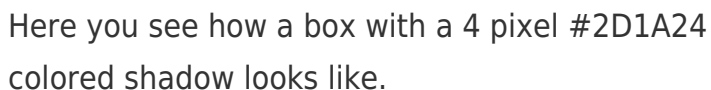
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D1A24 }
```

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

```
.border{ border-color:#2D1A24 }
```

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



Here you see how a box with a 4 pixel #2D1A24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1A24; -webkit-box-shadow:4px 4px  
4px 4px #2D1A24; box-shadow:4px 4px 4px  
4px #2D1A24 }
```

Background

The CSS property to change the background color of an element to Hex 2D1A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1A24 }
```

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

```
.background{ background-color:#2D1A24 }
```

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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