

Converting Colors

Hex(2D1905)

Have a look what the booklet for
Hex(2D1905) contains.

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Color

Hex(2D1905)

Conversions

Conversions Part 1

Format	Color
Hex	2D1905
RGB	45, 25, 5
RGB Percent	18%, 10%, 2%
CMY	0.8235, 0.9020, 0.9804
CMYK	0.00, 0.44, 0.89, 0.82
HSL	30°, 80%, 10%
HSV	30°, 89%, 18%
XYZ	1.4572, 1.2641, 0.3108
YIQ	28.7000, 18.3400, -1.9800

Conversions

Conversions Part 2

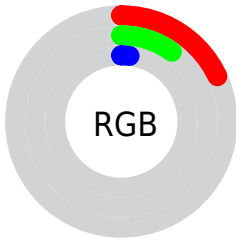
Format	Color
RYB	45, 45, 5
Decimal	2955525
CIELab	11.02, 7.74, 14.56
CIElCh	11, 16.487, 62.010
Yxy	1.2641, 0.4806, 0.4169
Android (android.graphics.Color)	4281145605 (0xFF2D1905)
YUV	28.7000, -11.6841, 14.2951
Hunter-Lab	11.2433, 3.4593, 6.2314

Details

The Hex color **2D1905** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **05192D**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **5C4433**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2D1701**, and if you desaturate by 10%, it is **2D1B0A**.

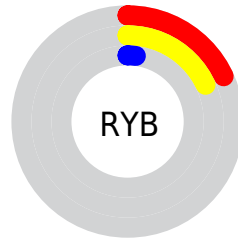
Distribution



Red (18%)

Green (10%)

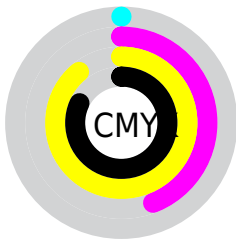
Blue (2%)



Red (18%)

Yellow (18%)

Blue (2%)

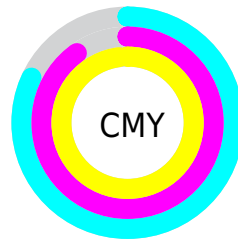


Cyan (0%)

Magenta (44%)

Yellow (89%)

Black (82%)



Cyan (82%)

Magenta (90%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D1905 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 2D1905 by changing the saturation by 10% instead.

 2D1905

 2D1905

 FFFCE6

 160000

 5C4433

 000000

 755C49

 8F7461

 AA8E7A

 C6A894

 E2C3AE

 FFDPCA

 2D1905

 2D1905

■ 2D1701

■ 2D1B0A

■ 2D1700

■ 2D1E0E

■ 2D2013

■ 2D2217

■ 2D241C

■ 2D2720

■ 2D2925

■ 2D2B29

■ 2D2D2E

Harmonies

Analogous

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



321512



2D1905



241D00

Triad

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



2D1905



00231E



1F1A31

Complementary

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



2D1905



05192D

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.



0A1E34



2D1905



002329

Square

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



2D1905



092212



002131



2C1628

Rectangle

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



2D1905



1D1F02



002131



191C32

Sweetspot

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



2D1905



3B332B



2D0519



1F1A15



9E9E9E



1F1F1F

Same Dimension

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



2D1905



3B1D00



2D2D05



171615



572B00



D66B00

Inverse Universe

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



05192D



001D3B



05052D



151617



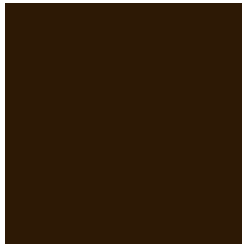
002B57



006BD6

Previews

White Background



This preview shows how the Hex color 2D1905 looks on a white background.

Color Contrast Check

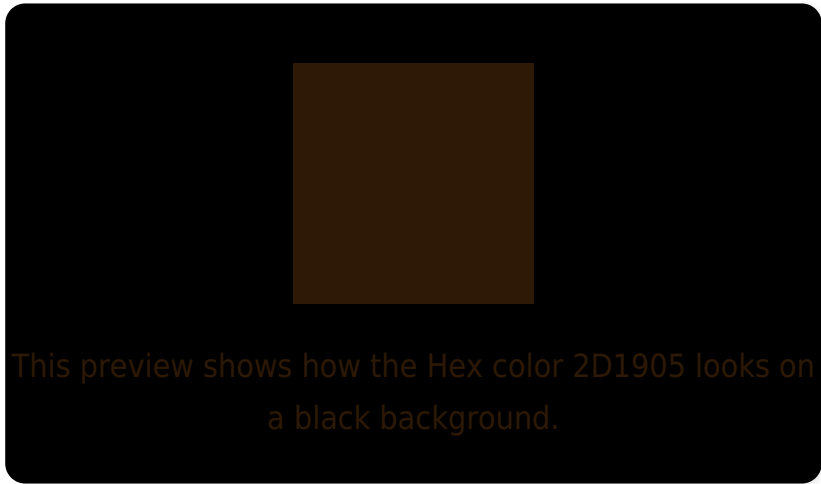
Large Text (above 18pt) WCAG AA ✓ Pass

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

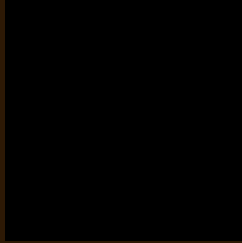
Any Text WCAG AA × Fail

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 2D1905 Background



This preview shows how black text looks on a background with the Hex color 2D1905.

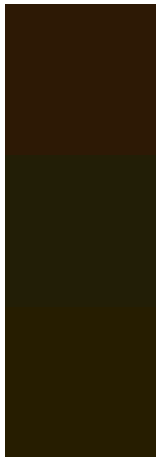


This preview shows how white text looks on a background with the Hex color 2D1905.

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
2D1905

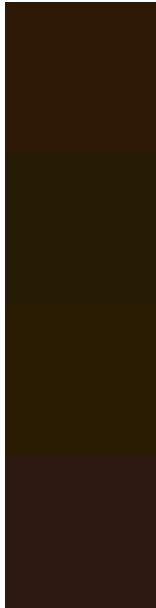
Protanopia
221E06

Deuteranopia
261D00



Tritanopia
2E1719

Trichromacy



Original Color
2D1905

Protanomaly
261C06

Deuteranomaly
291C02

Tritanomaly
2E1812

Monochromacy



Original Color
2D1905

Achromatopsia
1D1D1D

Achromatomaly
231C14

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D1905 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 #2D1905 looks like.

```
.text, #text, p{  
    color:#2D1905  
}
```

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 #2D1905 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D1905
}
```

Border

The CSS property to change the border of an element to Hex 2D1905 is called "border". The border property can be set on classes, ids or directly on the HTML element.

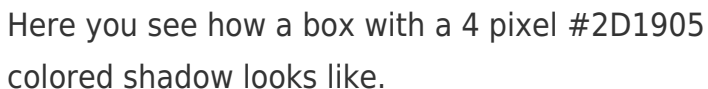
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D1905 }
```

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

```
.border{ border-color:#2D1905 }
```

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



Here you see how a box with a 4 pixel #2D1905 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D1905; -webkit-box-shadow:4px 4px  
4px 4px #2D1905; box-shadow:4px 4px 4px  
4px #2D1905 }
```

Background

The CSS property to change the background color of an element to Hex 2D1905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D1905 }
```

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

```
.background{ background-color:#2D1905 }
```

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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