

Converting Colors

Hex(202900)

Have a look what the booklet for
Hex(202900) contains.

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Color

Hex(202900)

Conversions

Conversions Part 1

Format	Color
Hex	202900
RGB	32, 41, 0
RGB Percent	13%, 16%, 0%
CMY	0.8745, 0.8392, 1.0000
CMYK	0.22, 0.00, 1.00, 0.84
HSL	73°, 100%, 8%
HSV	73°, 100%, 16%
XYZ	1.3886, 1.8930, 0.2922
YIQ	33.6350, 7.7970, -14.6590

Conversions

Conversions Part 2

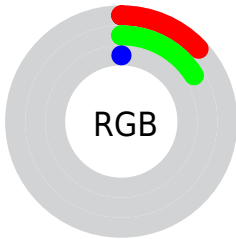
Format	Color
R_{YB}	0, 41, 9
Decimal	2107648
CIE Lab	14.92, -11.02, 21.54
CIE LCh	15, 24.194, 117.106
Yxy	1.8930, 0.3886, 0.5297
Android (android.graphics.Color)	4280297728 (0xFF202900)
YUV	33.6350, -16.5821, -1.4339
Hunter-Lab	13.7585, -6.0618, 8.3718

Details

The Hex color **202900** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **090029**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **4D562F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **202900**, and if you desaturate by 10%, it is **212904**.

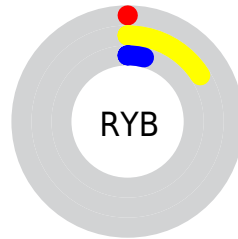
Distribution



Red (13%)

Green (16%)

Blue (0%)



Red (0%)

Yellow (16%)

Blue (4%)

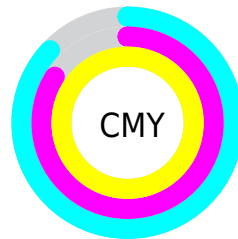


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (84%)



Cyan (87%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 202900 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 202900 by changing the saturation by 10% instead.

 202900

 202900

 FFFFE3

 001600

 4D562F

 000000

 656F46

 7E885E

 98A277

 B3BD90

 CFD9AB

 ECF5C6

 202900

■ 212904

■ 222908

■ 23290C

■ 242910

■ 242914

■ 252919

■ 26291D

■ 272921

■ 282925

Harmonies

Analogous

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



312400



202900



072C12

Triad

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



202900



002C42



431528

Complementary

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



202900



090029

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.



391A38



202900



002848

Square

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



202900



002D35



232244



441717

Rectangle

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



202900



002D1D



232244



41162E

Sweetspot

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



202900



323625



290900



1A1C12



9C9C9C



1C1C1C

Same Dimension

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



202900



2A3600



0C2900



141412



425400



A5D400

Inverse Universe

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



090029



0C0036



1D0029



131214



120054



2E00D4

Previews

White Background



This preview shows how the Hex color 202900 looks on a white background.

Color Contrast Check

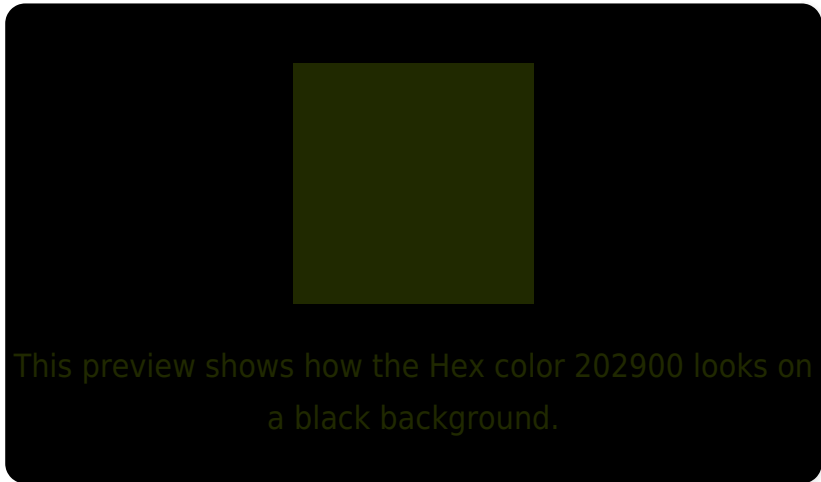
Large Text (above 18pt) WCAG AA ✓ Pass

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

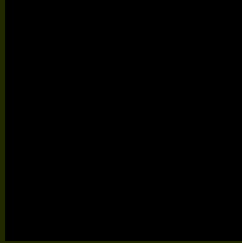
Any Text WCAG AA × Fail

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 202900 Background



This preview shows how black text looks on a background with the Hex color 202900.



This preview shows how white text looks on a background with the Hex color 202900.

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](#).

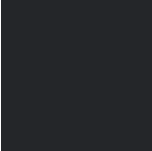
Dichromacy



Original Color
202900

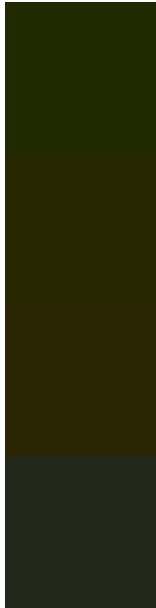
Protanopia
2B2600

Deuteranopia
302407



Tritanopia
242629

Trichromacy



Original Color
202900

Protanomaly
272700

Deuteranomaly
2A2604

Tritanomaly
23271A

Monochromacy



Original Color
202900

Achromatopsia
222222

Achromatomaly
212516

CSS Examples

Text

The CSS property to change the color of the text to Hex 202900 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 #202900 looks like.

```
.text, #text, p{  
    color:#202900  
}
```

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 #202900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #202900
}
```

Border

The CSS property to change the border of an element to Hex 202900 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
#202900 }
```

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

```
.border{ border-color:#202900 }
```

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

Here you see how a box with a 4 pixel #202900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #202900; -webkit-box-shadow:4px 4px  
4px 4px #202900; box-shadow:4px 4px 4px  
4px #202900 }
```

Background

The CSS property to change the background color of an element to Hex 202900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#202900 }
```

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

```
.background{ background-color:#202900 }
```

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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