

Converting Colors

Hex(201632)

Have a look what the booklet for
Hex(201632) contains.

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Color

Hex(201632)

Conversions

Conversions Part 1

Format	Color
Hex	201632
RGB	32, 22, 50
RGB Percent	13%, 9%, 20%
CMY	0.8745, 0.9137, 0.8039
CMYK	0.36, 0.56, 0.00, 0.80
HSL	261°, 39%, 14%
HSV	261°, 56%, 20%
XYZ	1.4583, 1.1112, 3.1552
YIQ	28.1820, -3.0280, 10.8280

Conversions

Conversions Part 2

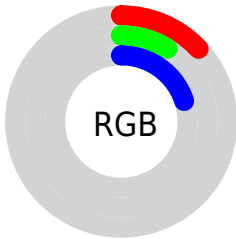
Format	Color
R _Y B	32, 22, 50
Decimal	2102834
CIE Lab	9.89, 12.67, -16.80
CIE LCh	10, 21.042, 307.017
Yxy	1.1112, 0.2547, 0.1941
Android (android.graphics.Color)	4280292914 (0xFF201632)
YUV	28.1820, 10.7563, 3.3484
Hunter-Lab	10.5413, 6.2468, -10.3679

Details

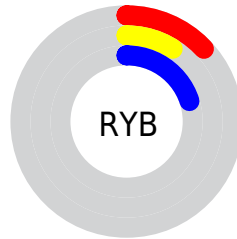
The Hex color **201632** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **283216**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **4D4161**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1D1132**, and if you desaturate by 10%, it is **231B32**.

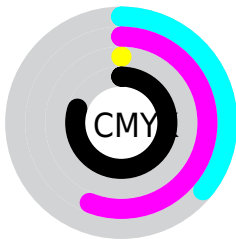
Distribution



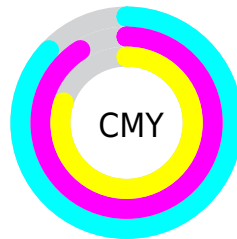
- Red (13%)
- Green (9%)
- Blue (20%)



- Red (13%)
- Yellow (9%)
- Blue (20%)



- Cyan (36%)
- Magenta (56%)
- Yellow (0%)
- Black (80%)



- Cyan (87%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 201632 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 201632 by changing the saturation by 10% instead.

■ 201632

■ 201632

■ FFF8FF

■ 0C001D

■ 4D4161

■ 000000

■ 655879

■ 7F7193

■ 998AAE

■ B4A4C9

■ CFC0E5

■ ECDBFF

■ 201632

■ 201632

■ 1D1132

■ 231B32

■ 1A0C32

■ 262032

■ 160732

■ 2A2532

■ 130232

■ 2D2A32

■ 120032

■ 302F32

■ 333432

■ 373932

■ 3A3E32

■ 3D4332

Harmonies

Analogous

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



021C37



201632



2F1027

Triad

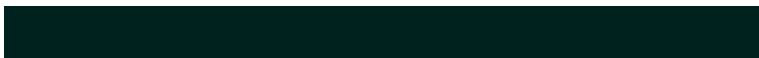
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



201632



2C1600



00221E

Complementary

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



201632



283216

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.



00220E



201632



211C00

Square

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



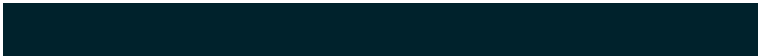
201632



331006



131F00



00222C

Rectangle

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



201632



340E1D



131F00



002219

Sweetspot

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



201632



393540



162832



1D1B21



A1A1A1



212121

Same Dimension

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



201632



241540



2E1632



18171A



200059



4D00D9

Inverse Universe

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



321628



401530



1A3216



1A1719



590039



D9008B

Previews

White Background



This preview shows how the Hex color 201632 looks on a white background.

Color Contrast Check

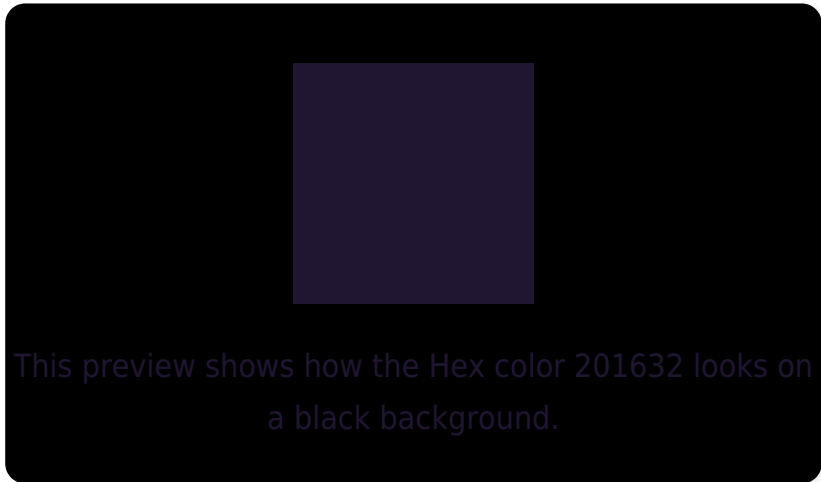
Large Text (above 18pt) WCAG AA ✓ Pass

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

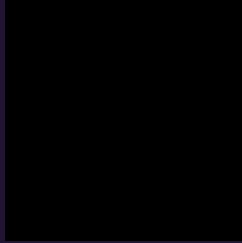
Any Text WCAG AA × Fail

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 201632 Background



This preview shows how black text looks on a background with the Hex color 201632.



This preview shows how white text looks on a background with the Hex color 201632.

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
201632

Protanopia
091B37

Deuteranopia
091C31



Tritanopia
1C1B1E

Trichromacy



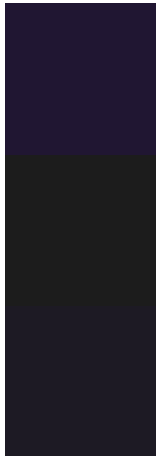
Original Color
201632

Protanomaly
111935

Deuteranomaly
111A31

Tritanomaly
1D1925

Monochromacy



Original Color
201632

Achromatopsia
1C1C1C

Achromatomaly
1D1A24

CSS Examples

Text

The CSS property to change the color of the text to Hex 201632 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 #201632 looks like.

```
.text, #text, p{  
    color:#201632  
}
```

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 #201632 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #201632
}
```

Border

The CSS property to change the border of an element to Hex 201632 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
#201632 }
```

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

```
.border{ border-color:#201632 }
```

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

Here you see how a box with a 4 pixel #201632 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #201632; -webkit-box-shadow:4px 4px  
4px 4px #201632; box-shadow:4px 4px 4px  
4px #201632 }
```

Background

The CSS property to change the background color of an element to Hex 201632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#201632 }
```

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

```
.background{ background-color:#201632 }
```

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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