

Converting Colors

Hex(200500)

Have a look what the booklet for
Hex(200500) contains.

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Color

Hex(200500)

Conversions

Conversions Part 1

Format	Color
Hex	200500
RGB	32, 5, 0
RGB Percent	13%, 2%, 0%
CMY	0.8745, 0.9804, 1.0000
CMYK	0.00, 0.84, 1.00, 0.87
HSL	9°, 100%, 6%
HSV	9°, 100%, 13%
XYZ	0.6499, 0.4156, 0.0460
YIQ	12.5030, 17.6970, 4.1690

Conversions

Conversions Part 2

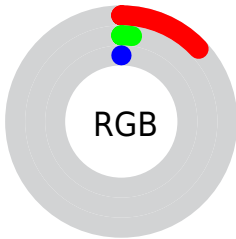
Format	Color
R _Y B	32, 6, 0
Decimal	2098432
CIE Lab	3.75, 10.44, 5.82
CIE LCh	4, 11.952, 29.115
Yxy	0.4156, 0.5847, 0.3739
Android (android.graphics.Color)	4280288512 (0xFF200500)
YUV	12.5030, -6.1640, 17.0989
Hunter-Lab	6.4468, 6.7134, 4.0900

Details

The Hex color **200500** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001B20**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **4B3330**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **200500**, and if you desaturate by 10%, it is **200803**.

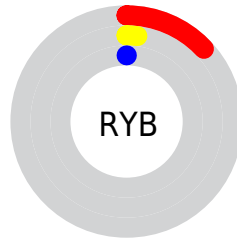
Distribution



Red (13%)

Green (2%)

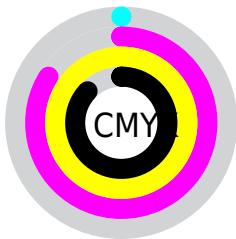
Blue (0%)



Red (13%)

Yellow (2%)

Blue (0%)

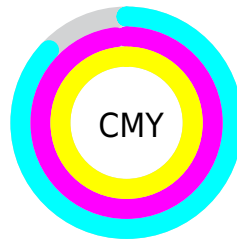


Cyan (0%)

Magenta (84%)

Yellow (100%)

Black (87%)



Cyan (87%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 200500 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 200500 by changing the saturation by 10% instead.

 200500

 200500

 FFE6E2

 000000

 4B3330

 634947

 7C615E

 967A77

 B19491

 CDAEAB

 E9CAC6

 200500

■ 200803

■ 200A06

■ 200D0A

■ 20100D

■ 201210

■ 201513

■ 201816

■ 201B1A

■ 201D1D

Harmonies

Analogous

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



1F040E



200500



1B0800

Triad

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



200500



001300



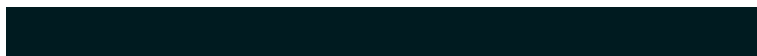
000E1F

Complementary

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



200500



001B20

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.



00121C



200500



00140D

Square

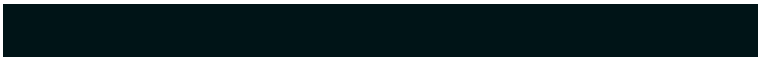
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



200500



061000



001417



100A1D

Rectangle

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



200500



160B00



001417



00101E

Sweetspot

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



200500



291E1D



20001B



140E0D



949494



141414

Same Dimension

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



200500



290600



201500



0F0E0E



4F0C00



CF2000

Inverse Universe

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



001B20



002229



000B20



0E0F0F



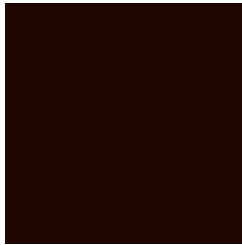
00434F



00AECF

Previews

White Background



This preview shows how the Hex color 200500 looks on a white background.

Color Contrast Check

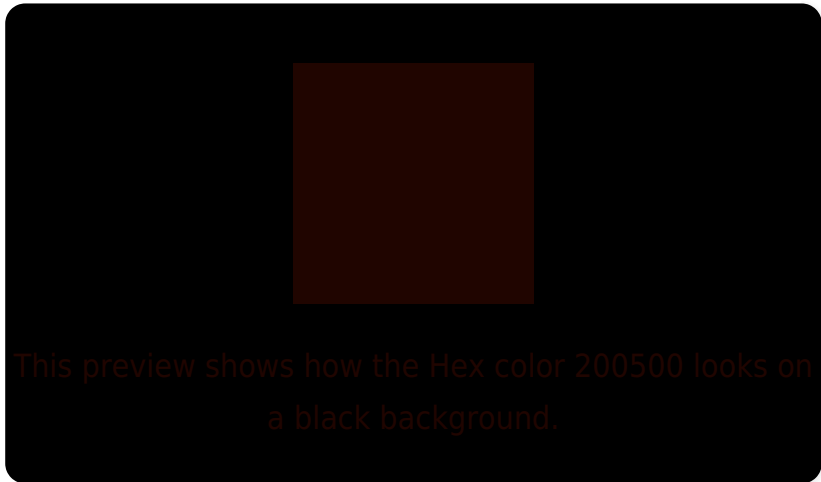
Large Text (above 18pt) WCAG AA ✓ Pass

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

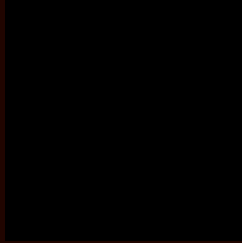
Any Text WCAG AA × Fail

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 200500 Background



This preview shows how black text looks on a background with the Hex color 200500.



This preview shows how white text looks on a background with the Hex color 200500.

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
200500

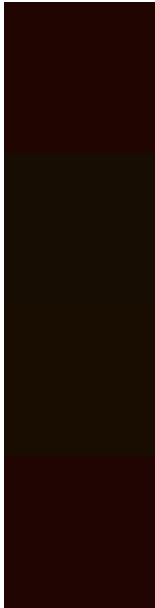
Protanopia
131104

Deuteranopia
151000



Tritanopia
200504

Trichromacy



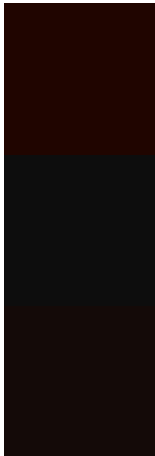
Original Color
200500

Protanomaly
180D03

Deuteranomaly
190C00

Tritanomaly
200503

Monochromacy



Original Color
200500

Achromatopsia
0D0D0D

Achromatomaly
140A08

CSS Examples

Text

The CSS property to change the color of the text to Hex 200500 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 #200500 looks like.

```
.text, #text, p{  
    color:#200500  
}
```

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 #200500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #200500
}
```

Border

The CSS property to change the border of an element to Hex 200500 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
#200500 }
```

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

```
.border{ border-color:#200500 }
```

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

Here you see how a box with a 4 pixel #200500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #200500; -webkit-box-shadow:4px 4px  
4px 4px #200500; box-shadow:4px 4px 4px  
4px #200500 }
```

Background

The CSS property to change the background color of an element to Hex 200500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#200500 }
```

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

```
.background{ background-color:#200500 }
```

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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