

Converting Colors

Hex(207217)

Have a look what the booklet for
Hex(207217) contains.

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Color

Hex(207217)

Conversions

Conversions Part 1

Format	Color
Hex	207217
RGB	32, 114, 23
RGB Percent	13%, 45%, 9%
CMY	0.8745, 0.5529, 0.9098
CMYK	0.72, 0.00, 0.80, 0.55
HSL	114°, 66%, 27%
HSV	114°, 80%, 45%
XYZ	6.7676, 12.4036, 2.8480
YIQ	79.1080, -19.6610, -45.6850

Conversions

Conversions Part 2

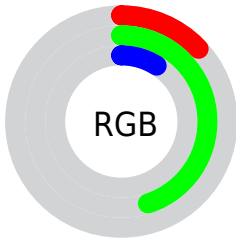
Format	Color
R_{YB}	23, 114, 105
Decimal	2126359
CIE _{Lab}	41.85, -42.12, 40.37
CIE _{LCh}	42, 58.343, 136.211
Yxy	12.4036, 0.3074, 0.5633
Android (android.graphics.Color)	4280316439 (0xFF207217)
YUV	79.1080, -27.6612, -41.3137
Hunter-Lab	35.2187, -27.3321, 19.8585

Details

The Hex color **207217** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **691772**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5AA74A**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **16720C**, and if you desaturate by 10%, it is **2A7222**.

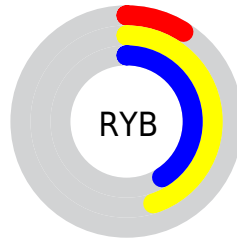
Distribution



Red (13%)

Green (45%)

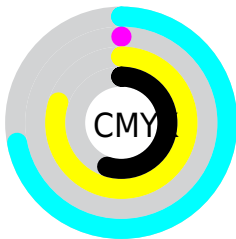
Blue (9%)



Red (9%)

Yellow (45%)

Blue (41%)

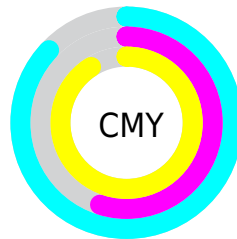


Cyan (72%)

Magenta (0%)

Yellow (80%)

Black (55%)



Cyan (87%)

Magenta (55%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 207217 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 207217 by changing the saturation by 10% instead.

 207217

 207217

FFFFFF

 005900

 5AA74A

 004100

 75C263

 002B00

 91DF7D

 000C00

 ADFB98

 000000

 C9FFB3

 E6FFCF

 FFFFEB

 207217

 207217

■ 16720C

■ 2A7222

■ 0B7200

■ 35722E

■ 3F7239

■ 497245

■ 537250

■ 5E725B

■ 687267

■ 727272

■ 7C727E

Harmonies

Analogous

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



5F6900



207217



00774A

Triad

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



207217



006FC1



B72D4B

Complementary

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



207217



691772

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.



AD307B



207217



2060C0

Square

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



207217



0076A8



8549A6



A9421D

Rectangle

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



207217



00786C



8549A6



B62A5B

Sweetspot

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



207217



749470



726917



374A35



C9C9C9



4A4A4A

Same Dimension

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



207217



149406



17723B



333832



0C7800



18F700

Inverse Universe

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



691772



860694



72174E



383238



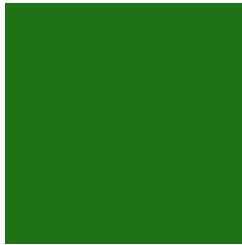
6C0078



DF00F7

Previews

White Background



This preview shows how the Hex color 207217 looks on a white background.

Color Contrast Check

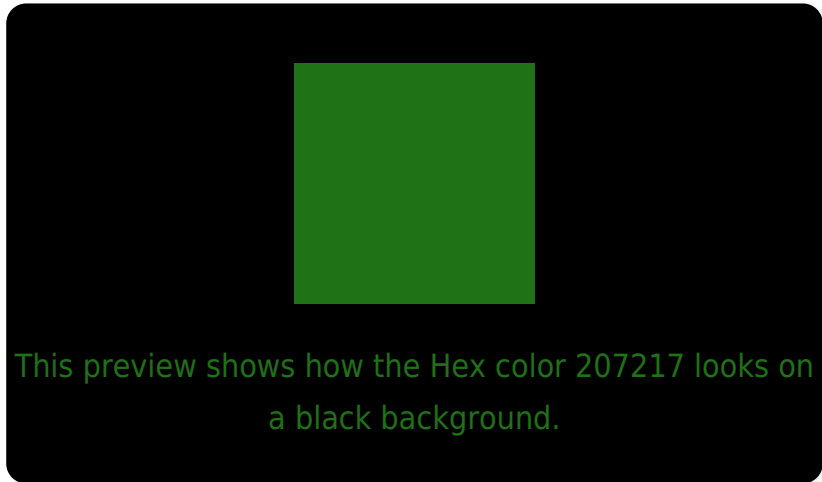
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

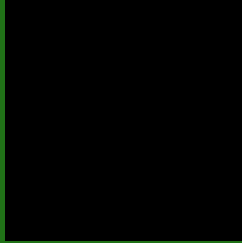
Any Text WCAG AA × Fail

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 207217 Background



This preview shows how black text looks on a background with the Hex color 207217.



This preview shows how white text looks on a background with the Hex color 207217.

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
207217

Protanopia
6F6313

Deuteranopia
7B5D21



Tritanopia
386A73

Trichromacy



Original Color
207217

Protanomaly
526814

Deuteranomaly
5A651D

Tritanomaly
2F6D52

Monochromacy



Original Color
207217

Achromatopsia
4F4F4F

Achromatomaly
3E5C3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 207217 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 #207217 looks like.

```
.text, #text, p{  
    color:#207217  
}
```

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 #207217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #207217
}
```

Border

The CSS property to change the border of an element to Hex 207217 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
#207217 }
```

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

```
.border{ border-color:#207217 }
```

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

Here you see how a box with a 4 pixel #207217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #207217; -webkit-box-shadow:4px 4px  
4px 4px #207217; box-shadow:4px 4px 4px  
4px #207217 }
```

Background

The CSS property to change the background color of an element to Hex 207217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#207217 }
```

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

```
.background{ background-color:#207217 }
```

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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