

# Converting Colors

Hex(508224)

Have a look what the booklet for  
Hex(508224) contains.

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**Color**

**Hex(508224)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	508224
RGB	80, 130, 36
RGB Percent	31%, 51%, 14%
CMY	0.6863, 0.4902, 0.8588
CMYK	0.38, 0.00, 0.72, 0.49
HSL	92°, 57%, 33%
HSV	92°, 72%, 51%
XYZ	11.6093, 17.7981, 4.4926
YIQ	104.3340, 0.3740, -39.8340

# Conversions

## Conversions Part 2

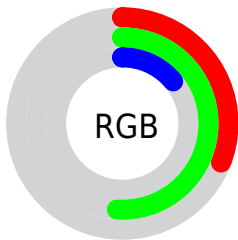
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 130, 86
Decimal	5276196
CIELab	49.25, -33.17, 43.39
CIELCh	49, 54.617, 127.397
Yxy	17.7981, 0.3425, 0.5250
Android (android.graphics.Color)	4283466276 (0xFF508224)
YUV	104.3340, -33.6887, -21.3409
Hunter-Lab	42.1878, -24.7086, 23.2177

# Details


The Hex color **508224** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **562482**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **85B757**, and **1B5000** is the 20% darker color. If you saturate the color by 10%, you get **498217**, and if you desaturate by 10%, it is **578231**.

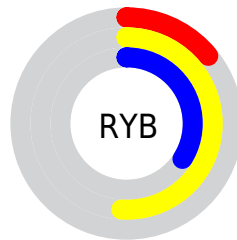
# Distribution



 Red (31%)

 Green (51%)

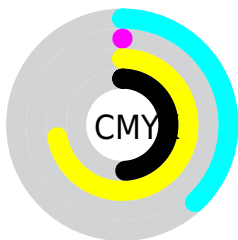
 Blue (14%)



 Red (14%)

 Yellow (51%)

 Blue (34%)

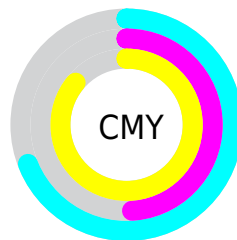


 Cyan (38%)

 Magenta (0%)

 Yellow (72%)

 Black (49%)



 Cyan (69%)

 Magenta (49%)

 Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 508224 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 508224 by changing the saturation by 10% instead.





508224



508224

FFFFFF



366906



85B757



1B5000



A0D371



003900



BCF08B



002400



D9FFA6



000000



F6FFC2



FFFFDE



FFFFFB



508224



508224

■ 498217

■ 578231

■ 42820A

■ 5E823E

■ 3D8200

■ 65824B

■ 6C8258

■ 738265

■ 798272

■ 80827F

■ 87828C

■ 8E8299

# Harmonies

## Analogous

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



817703



508224



00884F

# Triad

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



508224



0083CA



C8476B

# Complementary

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



508224



562482

# 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.



B54F9A



508224



0977D1

# Square

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



508224



008AAC



8564BF



C1523F

# Rectangle

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



508224



008A6F



8564BF



C5477B



# Sweetspot

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



508224



95A883



825524



49543E



D4D4D4



545454



# Same Dimension

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



508224



5AA816



248226



3C4039



3C8000



000000



# Inverse Universe

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



562482



6416A8



822480



3D3940



440080



000000



# Previews

## White Background



This preview shows how the Hex color 508224 looks on a white background.

## Color Contrast Check

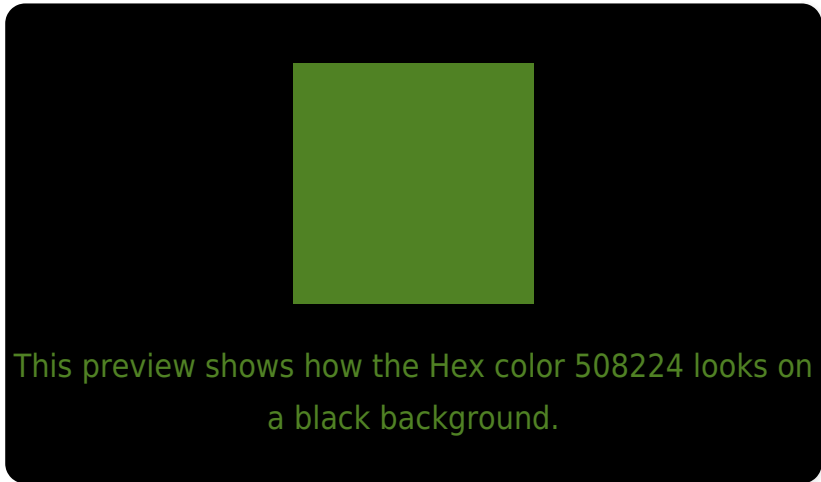
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 508224 Background



This preview shows how black text looks on a background with the Hex color 508224.



This preview shows how white text looks on a background with the Hex color 508224.

# 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**  
508224

**Protanopia**  
837521

**Deuteranopia**  
916F2B



**Tritanopia**  
5E7983

# Trichromacy



**Original Color**  
508224

**Protanomaly**  
707A22

**Deuteranomaly**  
797628

**Tritanomaly**  
597C60

# Monochromacy



**Original Color**  
508224

**Achromatopsia**  
686868

**Achromatomaly**  
5F714F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 508224 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 #508224 looks like.

```
.text, #text, p{  
    color:#508224  
}
```

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 #508224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #508224
}
```

## Border

The CSS property to change the border of an element to Hex 508224 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
#508224 }
```

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

```
.border{ border-color:#508224 }
```

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

Here you see how a box with a 4 pixel #508224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #508224; -webkit-box-shadow:4px 4px  
4px 4px #508224; box-shadow:4px 4px 4px  
4px #508224 }
```

# Background

The CSS property to change the background color of an element to Hex 508224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#508224 }
```

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

```
.background{ background-color:#508224 }
```

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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