

# Converting Colors

Hex(254D08)

Have a look what the booklet for  
Hex(254D08) contains.

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**Color**

**Hex(254D08)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	254D08
RGB	37, 77, 8
RGB Percent	15%, 30%, 3%
CMY	0.8549, 0.6980, 0.9686
CMYK	0.52, 0.00, 0.90, 0.70
HSL	95°, 81%, 17%
HSV	95°, 90%, 30%
XYZ	3.4607, 5.7186, 1.1511
YIQ	57.1740, -1.6910, -29.9390

# Conversions

## Conversions Part 2

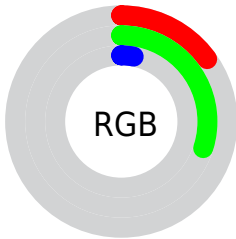
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 77, 48
Decimal	2444552
CIELab	28.69, -26.91, 33.16
CIELCh	29, 42.706, 129.065
Yxy	5.7186, 0.3350, 0.5536
Android (android.graphics.Color)	4280634632 (0xFF254D08)
YUV	57.1740, -24.2428, -17.6926
Hunter-Lab	23.9136, -16.0172, 13.8855

# Details

The Hex color **254D08** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **30084D**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **577E39**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **214D00**, and if you desaturate by 10%, it is **294D10**.

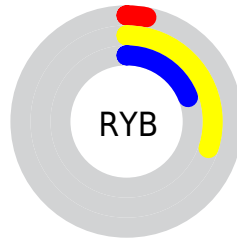
# Distribution



Red (15%)

Green (30%)

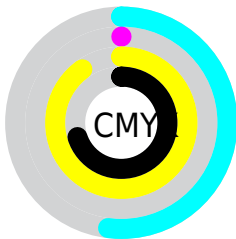
Blue (3%)



Red (3%)

Yellow (30%)

Blue (19%)

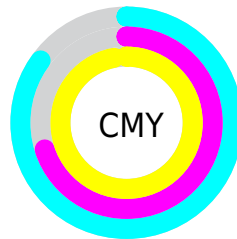


Cyan (52%)

Magenta (0%)

Yellow (90%)

Black (70%)



Cyan (85%)

Magenta (70%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 254D08 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 254D08 by changing the saturation by 10% instead.



 254D08


 254D08

 FFFFF2

 0E3600

 577E39

 002100

 709951

 000000

 8BB36A

 A6CF84

 C1EB9E

 DEFFB9

 FBFFD5

 254D08

 254D08

■ 214D00

■ 294D10

■ 204D00

■ 2E4D17

■ 324D1F

■ 374D27

■ 3B4D2F

■ 404D36

■ 444D3E

■ 494D46

■ 4D4D4D

# Harmonies

## Analogous

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



4A4500



254D08



00512B

# Triad

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



254D08



004D81



7E1F3B

# Complementary

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



254D08



30084D

# 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.



72265C



254D08



004485

# Square

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



254D08



00526D



513677



782A1C

# Rectangle

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



254D08



005242



513677



7C1F46



# Sweetspot

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



254D08



546349



4D2F08



2A3323



B3B3B3



333333



# Same Dimension

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



254D08



2A6300



084D0D



242622



2B6600



60E600



# Inverse Universe

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



30084D



3A0063



4D0848



252226



3B0066



8500E6



# Previews

## White Background



This preview shows how the Hex color 254D08 looks on a white background.

## Color Contrast Check

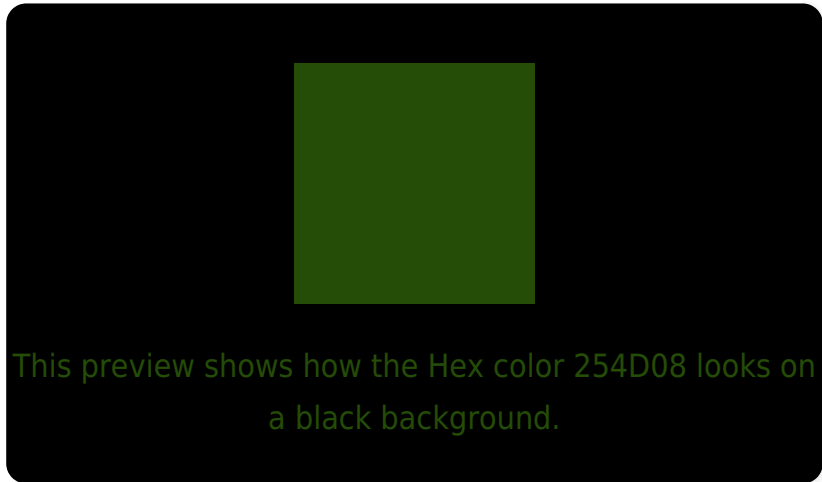
Large Text (above 18pt) WCAG AA ✓ Pass

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

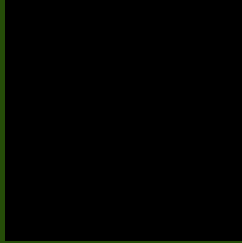
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 254D08 Background



This preview shows how black text looks on a background with the Hex color 254D08.



This preview shows how white text looks on a background with the Hex color 254D08.

# 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](#).

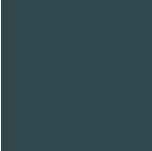
## Dichromacy



**Original Color**  
254D08

**Protanopia**  
4C4404

**Deuteranopia**  
554011



**Tritanopia**  
30484D

# Trichromacy



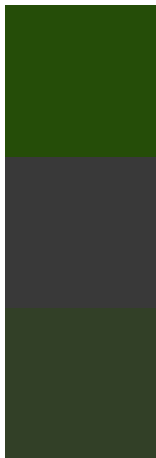
**Original Color**  
254D08

**Protanomaly**  
3E4705

**Deuteranomaly**  
44450E

**Tritanomaly**  
2C4A34

# Monochromacy



**Original Color**  
254D08

**Achromatopsia**  
393939

**Achromatomaly**  
324027

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 254D08 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 #254D08 looks like.

```
.text, #text, p{  
    color:#254D08  
}
```

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 #254D08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254D08
}
```

## Border

The CSS property to change the border of an element to Hex 254D08 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
#254D08 }
```

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

```
.border{ border-color:#254D08 }
```

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

Here you see how a box with a 4 pixel #254D08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254D08; -webkit-box-shadow:4px 4px  
4px 4px #254D08; box-shadow:4px 4px 4px  
4px #254D08 }
```

# Background

The CSS property to change the background color of an element to Hex 254D08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254D08 }
```

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

```
.background{ background-color:#254D08 }
```

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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