

# Converting Colors

Decimal(1583632)

Have a look what the booklet for  
Decimal(1583632) contains.

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# Color

**Decimal(1583632)**

# Conversions

## Conversions Part 1

Format	Color
Hex	182A10
RGB	24, 42, 16
RGB Percent	9%, 16%, 6%
CMY	0.9059, 0.8353, 0.9373
CMYK	0.43, 0.00, 0.62, 0.84
HSL	102°, 45%, 11%
HSV	102°, 62%, 16%
XYZ	1.2982, 1.8875, 0.7861
YIQ	33.6540, -2.3820, -11.9020

# Conversions

## Conversions Part 2

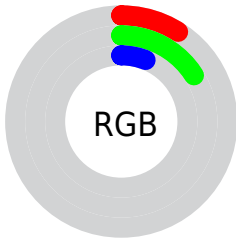
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 42, 34
Decimal	1583632
CIE <sub>Lab</sub>	14.89, -13.61, 14.42
CIE <sub>LCh</sub>	15, 19.828, 133.341
Yxy	1.8875, 0.3268, 0.4752
Android (android.graphics.Color)	4279773712 (0xFF182A10)
YUV	33.6540, -8.7034, -8.4666
Hunter-Lab	13.7387, -7.1763, 6.2246

# Details

The Decimal color **1583632** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2232362**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **4478779**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **1387020**, and if you desaturate by 10%, it is **1780244**.

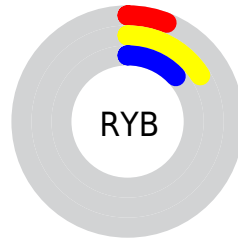
# Distribution



Red (9%)

Green (16%)

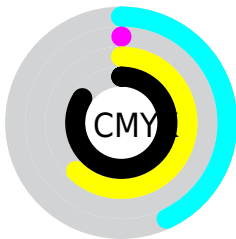
Blue (6%)



Red (6%)

Yellow (16%)

Blue (13%)

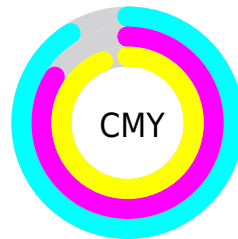


Cyan (43%)

Magenta (0%)

Yellow (62%)

Black (84%)



Cyan (91%)

Magenta (84%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1583632 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 Decimal color 1583632 by changing the saturation by 10% instead.



■ 1583632

■ 1583632

■ 16646128

■ 5888

■ 4478779

■ 0

■ 6058066

■ 7702890

■ 9413763

■ 11124637

■ 12901304

■ 14809044

■ 1583632

■ 1583632

■ 1387020

■ 1780244

■ 1190408

■ 1976856

■ 993795

■ 2173469

■ 862720

■ 2370081

■ 2566693

■ 2697769

■ 2894381

■ 3090994

■ 3287606

# Harmonies

## Analogous

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



2631430



1583632



76829

# Triad

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



1583632



10560



4135200

# Complementary

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



1583632



2232362

# 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.



3873326



1583632



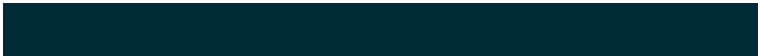
1582401

# Square

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



1583632



11320



3022650



4005139

# Rectangle

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



1583632



11303



3022650



4135204



# Sweetspot

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



1583632



3094059



2761232



1580054



10263708

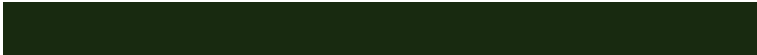


1842204



# Same Dimension

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



1583632



1717774



1059349



1250322



1725440



4314112



# Inverse Universe

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



2232362



2690614



2756645



1315348



3801172



9634004



# Previews

## White Background



This preview shows how the Decimal color 1583632 looks on a white background.

## Color Contrast Check

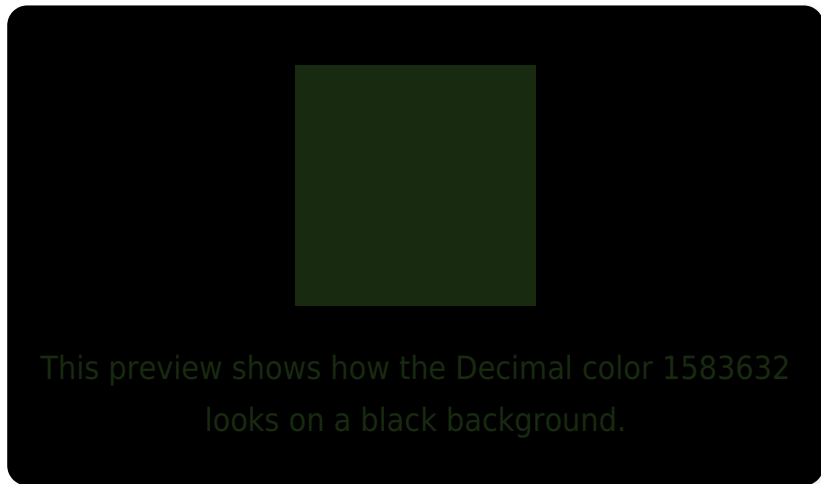
Large Text (above 18pt) WCAG AA ✓ Pass

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

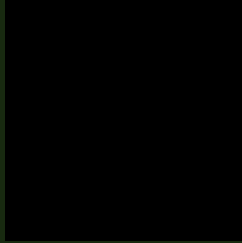
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1583632 Background



This preview shows how black text looks on a background with the Decimal color 1583632.



This preview shows how white text looks on a background with the Decimal color 1583632.

# 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**  
1583632

**Protanopia**  
2762255

**Deuteranopia**  
3023890



**Tritanopia**  
1845035

# Trichromacy



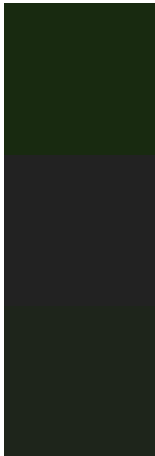
**Original Color**  
1583632

**Protanomaly**  
2303759

**Deuteranomaly**  
2500113

**Tritanomaly**  
1779745

# Monochromacy



**Original Color**  
1583632

**Achromatopsia**  
2236962

**Achromatomaly**  
1975579

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1583632 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 #182A10 looks like.

```
.text, #text, p{  
    color:#182A10  
}
```

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 #182A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #182A10
}
```

## Border

The CSS property to change the border of an element to Decimal 1583632 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
#182A10 }
```

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

```
.border{ border-color:#182A10 }
```

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

Here you see how a box with a 4 pixel #182A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #182A10; -webkit-box-shadow:4px 4px  
4px 4px #182A10; box-shadow:4px 4px 4px  
4px #182A10 }
```

# Background

The CSS property to change the background color of an element to Decimal 1583632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#182A10 }
```

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

```
.background{ background-color:#182A10 }
```

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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