

Converting Colors

Decimal(6116940)

Have a look what the booklet for
Decimal(6116940) contains.

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Color

Decimal(6116940)

Conversions

Conversions Part 1

Format	Color
Hex	5D564C
RGB	93, 86, 76
RGB Percent	36%, 34%, 30%
CMY	0.6353, 0.6627, 0.7020
CMYK	0.00, 0.08, 0.18, 0.64
HSL	35°, 10%, 33%
HSV	35°, 18%, 36%
XYZ	9.1465, 9.5045, 8.1900
YIQ	86.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

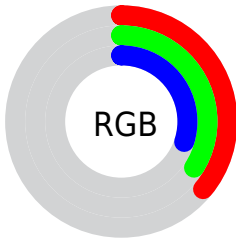
Format	Color
R_{YB}	88, 93, 76
Decimal	6116940
CIE Lab	36.94, 0.95, 6.85
CIE LCh	37, 6.913, 82.142
Yxy	9.5045, 0.3408, 0.3541
Android (android.graphics.Color)	4284307020 (0xFF5D564C)
YUV	86.9530, -5.3998, 5.3032
Hunter-Lab	30.8294, -0.9940, 5.8300

Details

The Decimal color **6116940** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5002077**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **9406589**, and **3090720** is the 20% darker color. If you saturate the color by 10%, you get **6115907**, and if you desaturate by 10%, it is **6117973**.

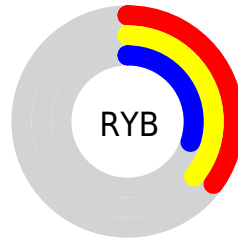
Distribution



Red (36%)

Green (34%)

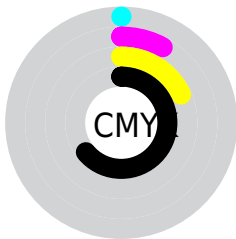
Blue (30%)



Red (35%)

Yellow (36%)

Blue (30%)

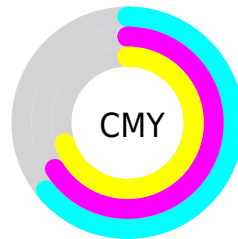


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (64%)



Cyan (64%)

Magenta (66%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6116940 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 6116940 by changing the saturation by 10% instead.



6116940



6116940

16777215



4538165



9406589



3090720



11182743



1774857



12959153



0



14801357



16709097



6116940



6116940



6115907



6117973



6114873



6119007

■ 6114096

■ 6119784

■ 6113063

■ 6120817

■ 6112029

■ 6121850

■ 6110996

■ 6122884

■ 6109963

■ 6123917

■ 6108930

■ 6124950

■ 6108928

■ 6125728

Harmonies

Analogous

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



6378574



6116940



5724237

Triad

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



6116940



4807259



6116446

Complementary

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



6116940



5002077

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.



5658209



6116940



4872543

Square

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



6116940



4938325



5199970



6378329

Rectangle

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



6116940



5462351



5199970



5985631

Sweetspot

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



6116940



7894386



6114387



4013114



12434877



4013373

Same Dimension

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



6116940



7892317



6053196



3025961



7225600



15567872

Inverse Universe

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



5002077



6121592



5065821



2698030



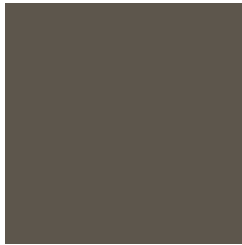
11630



25325

Previews

White Background



This preview shows how the Decimal color 6116940 looks on a white background.

Color Contrast Check

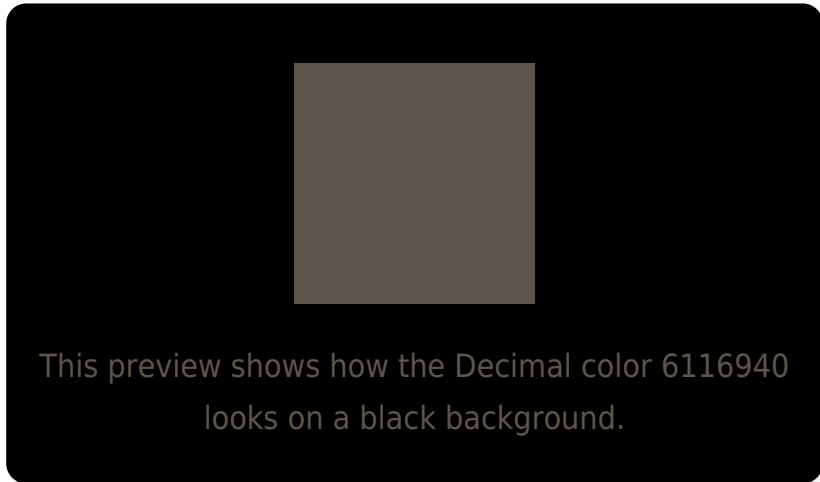
Large Text (above 18pt) WCAG AA ✓ Pass

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

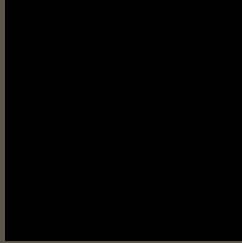
Any Text WCAG AA × Fail

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 6116940 Background



This preview shows how black text looks on a background with the Decimal color 6116940.

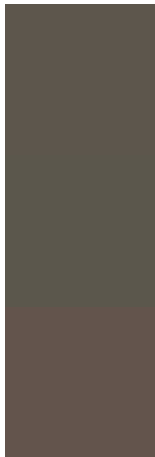


This preview shows how white text looks on a background with the Decimal color 6116940.

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
6116940

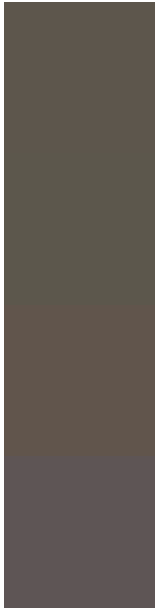
Protanopia
5986124

Deuteranopia
6509644



Tritanopia
6247514

Trichromacy



Original Color

6116940

Protanomaly

6051660

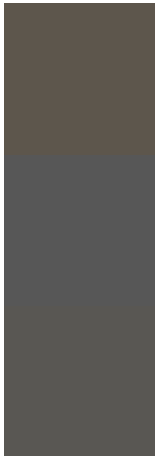
Deuteranomaly

6378828

Tritanomaly

6182229

Monochromacy



Original Color

6116940

Achromatopsia

5723991

Achromatomaly

5855059

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6116940 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 #5D564C looks like.

```
.text, #text, p{  
    color:#5D564C  
}
```

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 #5D564C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D564C
}
```

Border

The CSS property to change the border of an element to Decimal 6116940 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
#5D564C }
```

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

```
.border{ border-color:#5D564C }
```

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

Here you see how a box with a 4 pixel #5D564C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D564C; -webkit-box-shadow:4px 4px  
4px 4px #5D564C; box-shadow:4px 4px 4px  
4px #5D564C }
```

Background

The CSS property to change the background color of an element to Decimal 6116940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D564C }
```

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

```
.background{ background-color:#5D564C }
```

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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