

Converting Colors

Decimal(6116655)

Have a look what the booklet for
Decimal(6116655) contains.

Decimal(6116655)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6116655)

Conversions

Conversions Part 1

Format	Color
Hex	5D552F
RGB	93, 85, 47
RGB Percent	36%, 33%, 18%
CMY	0.6353, 0.6667, 0.8157
CMYK	0.00, 0.09, 0.49, 0.64
HSL	50°, 33%, 27%
HSV	50°, 49%, 36%
XYZ	8.2758, 9.0294, 3.9960
YIQ	83.0600, 16.9660, -10.1220

Conversions

Conversions Part 2

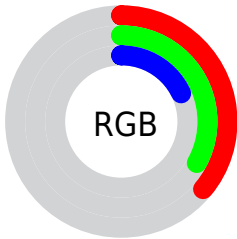
Format	Color
RYB	57, 93, 47
Decimal	6116655
CIELab	36.04, -2.70, 23.26
CIELCh	36, 23.418, 96.625
Yxy	9.0294, 0.3885, 0.4239
Android (android.graphics.Color)	4284306735 (0xFF5D552F)
YUV	83.0600, -17.7776, 8.7174
Hunter-Lab	30.0489, -3.4249, 13.1497

Details

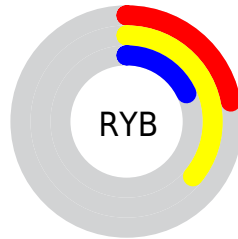
The Decimal color **6116655** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3094365**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **9471582**, and **3024896** is the 20% darker color. If you saturate the color by 10%, you get **6116134**, and if you desaturate by 10%, it is **6117176**.

Distribution



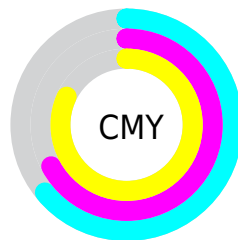
- Red (36%)
- Green (33%)
- Blue (18%)



- Red (22%)
- Yellow (36%)
- Blue (18%)



- Cyan (0%)
- Magenta (9%)
- Yellow (49%)
- Black (64%)



- Cyan (64%)
- Magenta (67%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6116655 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 6116655 by changing the saturation by 10% instead.



6116655



6116655

16777215



4537881



9471582



3024896



11247991



1446912



13089937



0



14931883



16774343



16777187



6116655



6116655



6116134



6117176

■ 6115868

■ 6117442

■ 6115347

■ 6117963

■ 6115082

■ 6118228

■ 6114561

■ 6118750

■ 6114560

■ 6119271

■ 6119536

■ 6120057

■ 6120579

Harmonies

Analogous

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



7163699



6116655



4807222

Triad

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



6116655



24171



7358564

Complementary

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



6116655



3094365

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.



6049395



6116655



1989495

Square

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



6116655



1466200



4216186



7947857

Rectangle

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



6116655



3824960



4216186



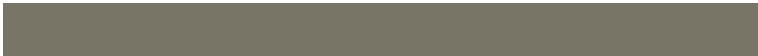
6965866

Sweetspot

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



6116655



7894374



6106935



4012850



12434877



4013373

Same Dimension

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



6116655



7892017



5135663



3026217



7232256



15582208

Inverse Universe

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



3094365



3227000



4075357



2697774



4974



10733

Previews

White Background



This preview shows how the Decimal color 6116655 looks on a white background.

Color Contrast Check

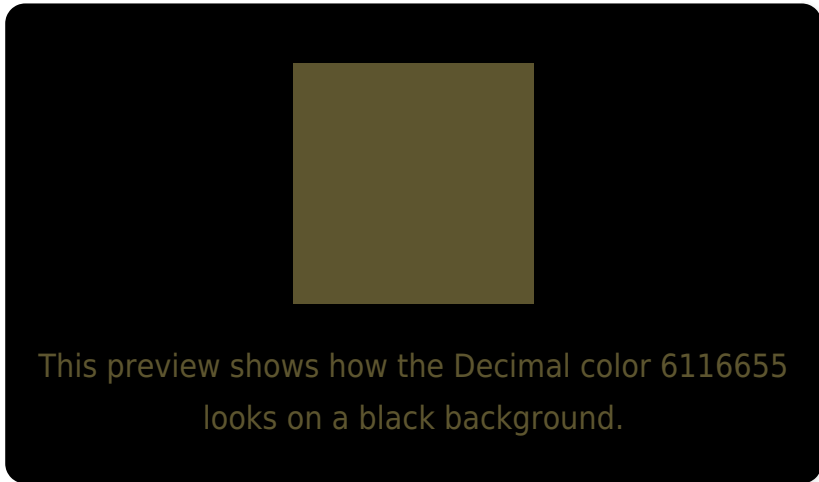
Large Text (above 18pt) WCAG AA ✓ Pass

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

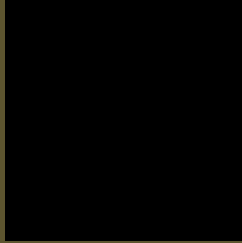
Any Text WCAG AA × Fail

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 6116655 Background



This preview shows how black text looks on a background with the Decimal color 6116655.



This preview shows how white text looks on a background with the Decimal color 6116655.

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
6116655

Protanopia
6116655

Deuteranopia
6770992



Tritanopia
6377559

Trichromacy



Original Color
6116655

Protanomaly
6116655

Deuteranomaly
6509104

Tritanomaly
6312520

Monochromacy



Original Color
6116655

Achromatopsia
5460819

Achromatomaly
5723206

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6116655 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 #5D552F looks like.

```
.text, #text, p{  
    color:#5D552F  
}
```

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 #5D552F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D552F
}
```

Border

The CSS property to change the border of an element to Decimal 6116655 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
#5D552F }
```

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

```
.border{ border-color:#5D552F }
```

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

Here you see how a box with a 4 pixel #5D552F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D552F; -webkit-box-shadow:4px 4px  
4px 4px #5D552F; box-shadow:4px 4px 4px  
4px #5D552F }
```

Background

The CSS property to change the background color of an element to Decimal 6116655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D552F }
```

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

```
.background{ background-color:#5D552F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor