

Converting Colors

Decimal(6132296)

Have a look what the booklet for
Decimal(6132296) contains.

Decimal(6132296)	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(6132296)

Conversions

Conversions Part 1

Format	Color
Hex	5D9248
RGB	93, 146, 72
RGB Percent	36%, 57%, 28%
CMY	0.6353, 0.4275, 0.7176
CMYK	0.36, 0.00, 0.51, 0.43
HSL	103°, 34%, 43%
HSV	103°, 51%, 57%
XYZ	15.9628, 23.3528, 9.7971
YIQ	121.7170, -7.8340, -34.2500

Conversions

Conversions Part 2

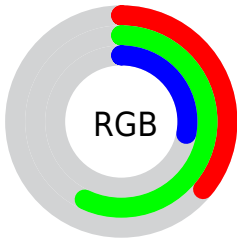
Format	Color
RYB	72, 146, 125
Decimal	6132296
CIELab	55.43, -32.04, 33.54
CIELCh	55, 46.386, 133.690
Yxy	23.3528, 0.3250, 0.4755
Android (android.graphics.Color)	4284322376 (0xFF5D9248)
YUV	121.7170, -24.5105, -25.1848
Hunter-Lab	48.3247, -25.6056, 21.8072

Details

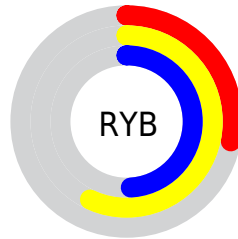
The Decimal color **6132296** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8210578**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **9619578**, and **2776856** is the 20% darker color. If you saturate the color by 10%, you get **5476921**, and if you desaturate by 10%, it is **6787671**.

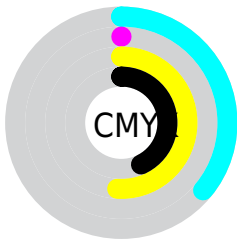
Distribution



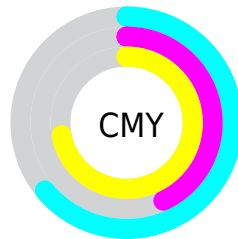
- Red (36%)
- Green (57%)
- Blue (28%)



- Red (28%)
- Yellow (57%)
- Blue (49%)



- Cyan (36%)
- Magenta (0%)
- Yellow (51%)
- Black (43%)



- Cyan (64%)
- Magenta (43%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6132296 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 6132296 by changing the saturation by 10% instead.

■ 6132296

■ 6132296

16777215

■ 4421680

■ 9619578

■ 2776856

■ 11396500

■ 870144

■ 13238191

■ 12288

■ 15138763

■ 7168

■ 16777192

■ 0

■ 6132296

■ 6132296

■ 5476921

■ 6787671

■ 4756011

■ 7508581

■ 4100636

■ 8163956

■ 3379726

■ 8884866

■ 2724352

■ 9540241

■ 10261152

■ 10916526

■ 11637437

■ 12292811

Harmonies

Analogous

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



9078834



6132296



169837

Triad

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



6132296



36818



13656692

Complementary

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



6132296



8210578

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.



12805532



6132296



6325203

Square

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



6132296



38587



10449855



13069391

Rectangle

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



6132296



39305



10449855



13525377

Sweetspot

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



6132296



11058592



9600072



5398093



14606046



6184542

Same Dimension

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



6132296



6995274



4756055



4540995



2591232



199168

Inverse Universe

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



8210578



10242749



9586819



4735818



6488202



458762

Previews

White Background



This preview shows how the Decimal color 6132296 looks on a white background.

Color Contrast Check

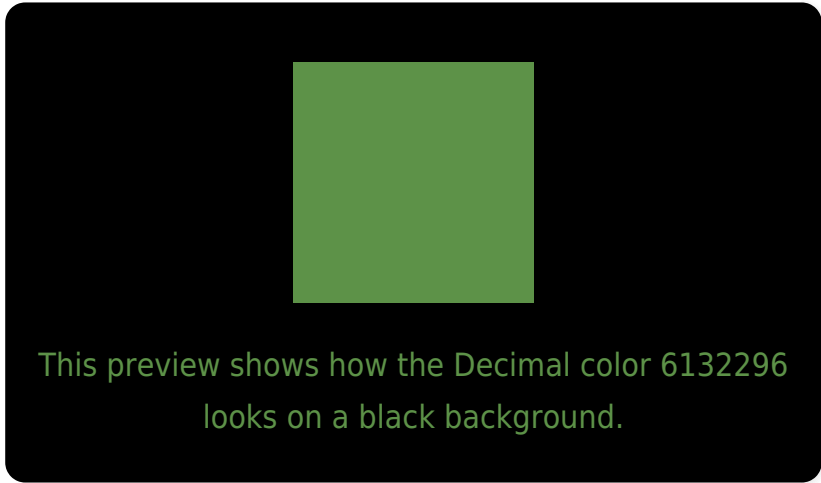
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

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](#).

Decimal 6132296 Background



This preview shows how black text looks on a background with the Decimal color 6132296.



This preview shows how white text looks on a background with the Decimal color 6132296.

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
6132296

Protanopia
9602115

Deuteranopia
10583629

Trichromacy



Original Color
6132296

Protanomaly
8358213

Deuteranomaly
8947019

Tritanomaly
6655353

Monochromacy



Original Color
6132296

Achromatopsia
8026746

Achromatomaly
7308136

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6132296 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 #5D9248 looks like.

```
.text, #text, p{  
    color:#5D9248  
}
```

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 #5D9248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9248
}
```

Border

The CSS property to change the border of an element to Decimal 6132296 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
#5D9248 }
```

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

```
.border{ border-color:#5D9248 }
```

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

Here you see how a box with a 4 pixel #5D9248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9248; -webkit-box-shadow:4px 4px  
4px 4px #5D9248; box-shadow:4px 4px 4px  
4px #5D9248 }
```

Background

The CSS property to change the background color of an element to Decimal 6132296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9248 }
```

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

```
.background{ background-color:#5D9248 }
```

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