

Converting Colors

Hex(55D2B4)

Have a look what the booklet for
Hex(55D2B4) contains.

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Color

Hex(55D2B4)

Conversions

Conversions Part 1

Format	Color
Hex	55D2B4
RGB	85, 210, 180
RGB Percent	33%, 82%, 71%
CMY	0.6667, 0.1765, 0.2941
CMYK	0.60, 0.00, 0.14, 0.18
HSL	166°, 58%, 58%
HSV	166°, 60%, 82%
XYZ	35.0311, 51.3198, 51.2394
YIQ	169.2050, -64.8700, -35.8300

Conversions

Conversions Part 2

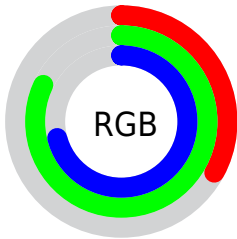
Format	Color
RYB	85, 156, 210
Decimal	5624500
CIELab	76.87, -41.82, 4.56
CIELCh	77, 42.071, 173.778
Yxy	51.3198, 0.2546, 0.3730
Android (android.graphics.Color)	4283814580 (0xFF55D2B4)
YUV	169.2050, 5.3219, -73.8478
Hunter-Lab	71.6378, -38.0791, 7.7389

Details

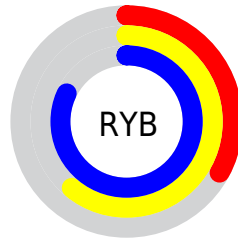
The Hex color **55D2B4** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D25573**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **91FFEC**, and **009B7F** is the 20% darker color. If you saturate the color by 10%, you get **40D2AF**, and if you desaturate by 10%, it is **6AD2B9**.

Distribution



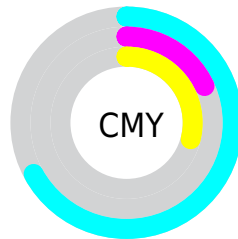
- Red (33%)
- Green (82%)
- Blue (71%)



- Red (33%)
- Yellow (61%)
- Blue (82%)



- Cyan (60%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)



- Cyan (67%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55D2B4 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 55D2B4 by changing the saturation by 10% instead.

 55D2B4

 55D2B4

FFFFFF

 33B699

 91FFEC

 009B7F

 AFFFFFFF

 008066

 CDFFFF

 00664E

 EBFFFF

 004D38

 003522

 00200C

 000000

 55D2B4

 55D2B4

 40D2AF

 6AD2B9

 2BD2AA

 7FD2BE

 16D2A5

 94D2C3

 01D2A0

 A9D2C8

 00D2A0

 BED2CD

 D3D2D2

 E8D2D7

 FDD2DC

 FFD2E1

Harmonies

Analogous

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



8ACE8E



55D2B4



04D2DC

Triad

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



55D2B4



B6B7FF



FBAB80

Complementary

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



55D2B4



D25573

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.



FFA1A0



55D2B4



E7A9EC

Square

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



55D2B4



75C4FF



FFA0C8



DEB970

Rectangle

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



55D2B4



00D0F2



FFA0C8



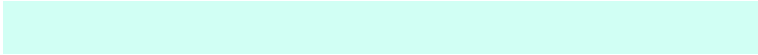
FFA78A

Sweetspot

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



55D2B4



D1FFF4



74D255



638079



000000



808080

Same Dimension

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



55D2B4



4AFFD4



55B3D2



5E6966



00A880



00291F

Inverse Universe

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



D25573



FF4A75



D27455



695E61



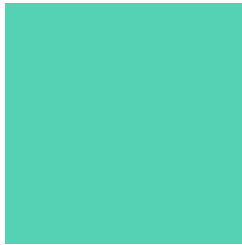
A80028



29000A

Previews

White Background



This preview shows how the Hex color 55D2B4 looks on a white 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

Black Background



This preview shows how the Hex color 55D2B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

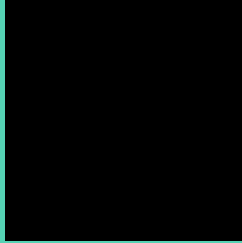
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

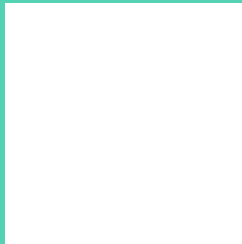
Any Text WCAG AAA ✓ Pass

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

Hex 55D2B4 Background



This preview shows how black text looks on a background with the Hex color 55D2B4.

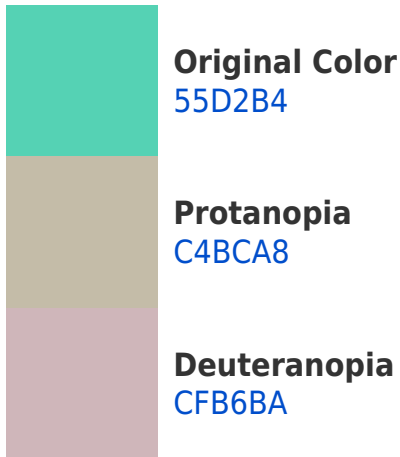


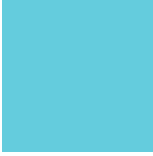
This preview shows how white text looks on a background with the Hex color 55D2B4.

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





Tritanopia
64CCDD

Trichromacy



Original Color
55D2B4



Protanomaly
9CC4AC



Deuteranomaly
A3C0B8

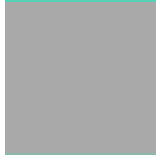


Tritanomaly
5FCECE

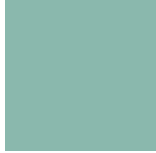
Monochromacy



Original Color
55D2B4



Achromatopsia
A9A9A9



Achromatomaly
8AB8AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 55D2B4 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 #55D2B4 looks like.

```
.text, #text, p{  
    color:#55D2B4  
}
```

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 #55D2B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55D2B4  
}
```

Border

The CSS property to change the border of an element to Hex 55D2B4 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  
#55D2B4 }
```

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

```
.border{ border-color:#55D2B4 }
```

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

Here you see how a box with a 4 pixel #55D2B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55D2B4; -webkit-box-shadow:4px 4px  
4px 4px #55D2B4; box-shadow:4px 4px 4px  
4px #55D2B4 }
```

Background

The CSS property to change the background color of an element to Hex 55D2B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55D2B4 }
```

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

```
.background{ background-color:#55D2B4 }
```

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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