

Converting Colors

Hex(CC2536)

Have a look what the booklet for
Hex(CC2536) contains.

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Color

Hex(CC2536)

Conversions

Conversions Part 1

Format	Color
Hex	CC2536
RGB	204, 37, 54
RGB Percent	80%, 15%, 21%
CMY	0.2000, 0.8549, 0.7882
CMYK	0.00, 0.82, 0.74, 0.20
HSL	354°, 69%, 47%
HSV	354°, 82%, 80%
XYZ	26.2293, 14.4268, 4.8923
YIQ	88.8710, 94.0750, 40.6910

Conversions

Conversions Part 2

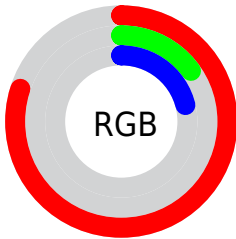
Format	Color
RYB	204, 37, 54
Decimal	13378870
CIELab	44.84, 63.29, 33.79
CIElCh	45, 71.746, 28.100
Yxy	14.4268, 0.5759, 0.3167
Android (android.graphics.Color)	4291568950 (0xFFCC2536)
YUV	88.8710, -17.1914, 100.9681
Hunter-Lab	37.9827, 56.7950, 18.9512

Details

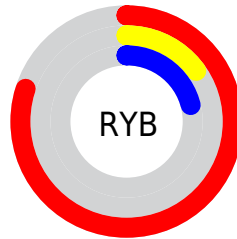
The Hex color **CC2536** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **25CCBB**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6465**, and **8D000C** is the 20% darker color. If you saturate the color by 10%, you get **CC1124**, and if you desaturate by 10%, it is **CC3948**.

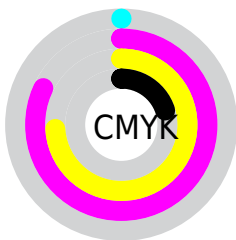
Distribution



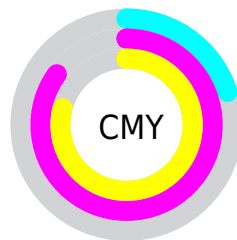
- Red (80%)
- Green (15%)
- Blue (21%)



- Red (80%)
- Yellow (15%)
- Blue (21%)



- Cyan (0%)
- Magenta (82%)
- Yellow (74%)
- Black (20%)



- Cyan (20%)
- Magenta (85%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC2536 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 CC2536 by changing the saturation by 10% instead.

 CC2536

 CC2536

FFFFFF

 AC0021

 FF6465

 8D000C

 FF817E

 6E0000

 FF9D98

 500001

 FFBAB3

 330002

 FFD7CE

 000000

 FFF5EA

 CC2536

 CC2536

 CC1124

 CC3948

 CC0015

 CC4E5B

 CC626D

 CC777F

 CC8B92

 CC9FA4

 CCB4B6

 CCC8C9

 CCDDDB

Harmonies

Analogous

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



CD0B71



CC2536



B14C00

Triad

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



CC2536



007F24



0073E3

Complementary

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



CC2536



25CCBB

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.



007FD0



CC2536



008364

Square

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



CC2536



497700



0083A1



575CD5

Rectangle

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



CC2536



955F00



0083A1



0078E1

Sweetspot

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



CC2536



FFBFC6



B925CC



80595D



000000



808080

Same Dimension

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



CC2536



FF051F



CC6525



665C5D



A60011



260004

Inverse Universe

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



CC2536



FF051F



258CCC



665C5D



A60011



260004

Previews

White Background



This preview shows how the Hex color CC2536 looks on a white background.

Color Contrast Check

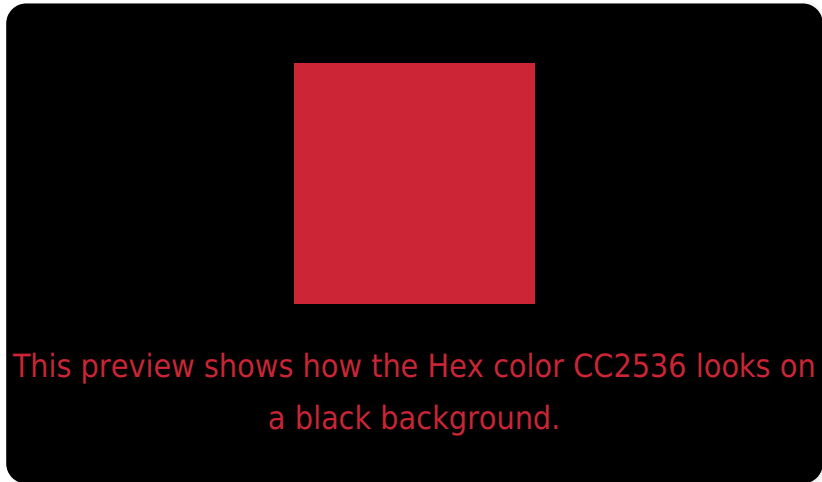
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex CC2536 Background



This preview shows how black text looks on a background with the Hex color CC2536.



This preview shows how white text looks on a background with the Hex color CC2536.

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



Trichromacy



Original Color
CC2536

Protanomaly
935245

Deuteranomaly
9F4E30

Tritanomaly
CC272D

Monochromacy



Original Color
CC2536

Achromatopsia
595959

Achromatomaly
83464C

CSS Examples

Text

The CSS property to change the color of the text to Hex CC2536 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 #CC2536 looks like.

```
.text, #text, p{  
    color:#CC2536  
}
```

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 #CC2536 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC2536
}
```

Border

The CSS property to change the border of an element to Hex CC2536 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".

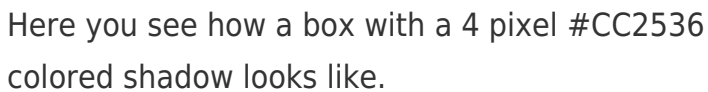
```
.border, #border, table{ border:4px solid
#CC2536 }
```

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

```
.border{ border-color:#CC2536 }
```

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

Here you see how a box with a 4 pixel #CC2536 colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC2536; -webkit-box-shadow:4px 4px  
4px 4px #CC2536; box-shadow:4px 4px 4px  
4px #CC2536 }
```

Background

The CSS property to change the background color of an element to Hex CC2536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC2536 }
```

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

```
.background{ background-color:#CC2536 }
```

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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