

Converting Colors

HunterLab(28.0334, 2.2589,
-31.6232)

Have a look what the booklet for
HunterLab(28.0334, 2.2589,
-31.6232) contains.

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Color

**HunterLab(28.1549, 2.1580,
-31.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	265088
RGB	38, 80, 136
RGB Percent	15%, 31%, 53%
CMY	0.8510, 0.6863, 0.4667
CMYK	0.72, 0.41, 0.00, 0.47
HSL	214°, 56%, 34%
HSV	214°, 72%, 53%
XYZ	8.1119, 7.9270, 24.3951
YIQ	73.8260, -43.0080, 8.5120

Conversions

Conversions Part 2

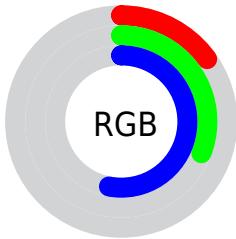
Format	Color
R_{YB}	38, 67, 136
Decimal	2510984
CIE Lab	33.83, 5.35, -35.56
CIE LCh	34, 35.958, 278.564
Yxy	7.9272, 0.2006, 0.1960
Android (android.graphics.Color)	4280701064 (0xFF265088)
YUV	73.8260, 30.6518, -31.4194
Hunter-Lab	28.1549, 2.1580, -31.6640




Details

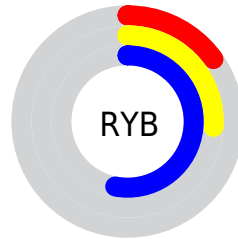
The HunterLab color **28.1549, 2.1580, -31.6640** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **36.5796, 6.7745, 19.6858**, and the grayscale version is **26.0123, -1.3880, 1.4133**.




A 20% lighter version of the original color is **46.7452, 1.6847, -32.9551**, and **13.9055, 5.3255, -28.8769** is the 20% darker color. If you saturate the color by 10%, you get **25.7705, 4.5134, -37.6307**, and if you desaturate by 10%, it is **30.7237, 0.3294, -26.0124**.

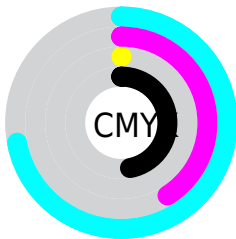
Distribution







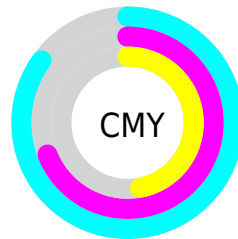
-  Red (15%)
-  Green (31%)
-  Blue (53%)






-  Red (15%)
-  Yellow (26%)
-  Blue (53%)



-  Cyan (72%)
-  Magenta (41%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (85%)
-  Magenta (69%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.1549, 2.1580, -31.6640 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 HunterLab color 28.1549, 2.1580, -31.6640 by changing the saturation by 10% instead.

■ 28.1549, 2.1580,
-31.6640

■ 28.1549, 2.1580,
-31.6640

■ 132.3481, -1.0312,
-36.4494

■ 20.1207, 2.2199,
-31.3310

■ 46.7073, 1.8100,
-32.8393

■ 13.0410, 2.1842,
-31.6043

■ 57.0912, 1.5431,
-33.4710

■ 6.5123, 3.2349,
-37.4871

■ 68.1478, 1.2233,
-34.0795

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 79.8381, 0.8554,
-34.6496

0.0000, NaN, NaN

■ 92.1297, 0.4432,
-35.1740

0.0000, NaN, NaN

■ 104.9944, -0.0103,

0.0000, NaN, NaN

-35.6493

0.0000, NaN, NaN

118.4077, -0.5025,
-36.0744

■ 28.1549, 2.1580,
-31.6640

■ 28.1549, 2.1580,
-31.6640

■ 25.7705, 4.5134,
-37.6307

■ 30.7237, 0.3294,
-26.0124

■ 23.5924, 7.4287,
-43.8695

■ 33.4535, -1.0290,
-20.6862

■ 21.9823, 10.0188,
-49.1036

■ 36.3251, -1.9768,
-15.6698

■ 39.3218, -2.5715,
-10.9363

■ 42.4294, -2.8640,
-6.4542

■ 45.6360, -2.8980,
-2.1919

■ 48.9316, -2.7106,
1.8803

■ 52.3078, -2.3325,
5.7891

■ 55.7576, -1.7893,
9.5578

Harmonies

Analogous

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



28.1553, -9.7462, -29.0612



28.1549, 2.1580, -31.6640



28.1553, 15.0669, -22.7891

Triad

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



28.1553, 2.1584, -31.6633



28.1553, 19.8178, 12.3703



28.1553, -20.5360, 8.6625

Complementary

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



28.1549, 2.1580, -31.6640



36.5796, 6.7745, 19.6858

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.



28.1553, -14.9529, 14.1746



28.1549, 2.1580, -31.6640



28.1553, 7.8115, 15.5746

Square

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



28.1553, 2.1584, -31.6633



28.1553, 26.3637, 4.7235



28.1553, -4.9879, 16.0486



28.1553, -21.5167, -2.0820

Rectangle

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



28.1549, 2.1580, -31.6640



28.1553, 22.0288, -13.1575



28.1553, -4.9879, 16.0486



28.1553, -19.1887, 11.0262

Sweetspot

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



28.1553, 2.1584, -31.6633



56.1483, -3.7929, -8.8132



43.3826, -28.1767, 11.9149



26.5569, -1.7961, -4.8907



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



28.1553, 2.1584, -31.6633



32.4952, 8.1489, -54.7299



19.2658, 23.7223, -59.3963



22.8511, -1.4056, -0.4890



21.4275, 9.6564, -47.6279



2.4212, -0.4282, -2.1019

Inverse Universe

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



26.8330, 34.8300, 0.3742



32.6087, 52.7232, 3.6396



47.3838, -14.0641, 26.6564



22.5430, 1.0596, 0.7900



22.9079, 40.5123, 4.8655



1.9416, 3.5718, -0.6575

Previews

White Background



This preview shows how the HunterLab color 28.1549, 2.1580, -31.6640 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



This preview shows how the HunterLab color 28.1549, 2.1580, -31.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

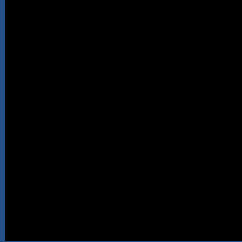
Any Text WCAG AA × Fail

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](#).

HunterLab 28.1549, 2.1580, -31.6640 Background



This preview shows how black text looks on a background with the HunterLab color 28.1549, 2.1580, -31.6640.



This preview shows how white text looks on a background with the HunterLab color 28.1549, 2.1580,

-31.6640.

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

28.1549, 2.1580, -31.6640

Protanopia

28.0531, 5.5511, -30.2850

Deuteranopia

28.1215, 2.0464, -31.7446



Tritanopia

27.9386, -13.3999, -5.9943

Trichromacy



Original Color

28.1549, 2.1580, -31.6640

Protanomaly

28.0197, 4.2499, -31.1626

Deuteranomaly

28.1215, 2.0464, -31.7446

Tritanomaly

27.7780, -8.4873, -14.5187

Monochromacy



Original Color

28.1549, 2.1580, -31.6640

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

26.5029, -1.4800, -8.9950

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.1549, 2.1580, -31.6640 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 `rgb(38, 80, 136)` looks like.

```
.text, #text, p{  
    color:rgb(38, 80, 136)  
}
```

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 rgb(38, 80, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 80, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 28.1549, 2.1580, -31.6640 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 rgb(38, 80, 136) }
```


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

```
.border{ border-color:rgb(38, 80, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 80, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 80, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 80, 136);  
box-shadow:4px 4px 4px 4px rgb(38, 80,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.1549, 2.1580, -31.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 80, 136) }
```

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

```
.background{ background-color: rgb(38, 80,  
136) }
```

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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