

Converting Colors

HunterLab(29.6362, 3.2768,
-31.3190)

Have a look what the booklet for
HunterLab(29.6362, 3.2768,
-31.3190) contains.

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Color

**HunterLab(29.5940, 3.3531,
-31.4129)**

Conversions

Conversions Part 1

Format	Color
Hex	32538C
RGB	50, 83, 140
RGB Percent	20%, 33%, 55%
CMY	0.8039, 0.6745, 0.4510
CMYK	0.64, 0.41, 0.00, 0.45
HSL	218°, 47%, 37%
HSV	218°, 64%, 55%
XYZ	9.1422, 8.7580, 26.0195
YIQ	79.6310, -37.9650, 10.7310

Conversions

Conversions Part 2

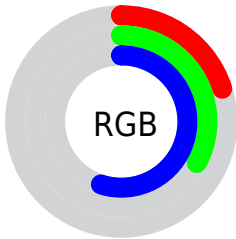
Format	Color
RYB	50, 74, 140
Decimal	3298188
CIELab	35.51, 7.05, -35.29
CIELCh	36, 35.989, 281.293
Yxy	8.7583, 0.2082, 0.1994
Android (android.graphics.Color)	4281488268 (0xFF32538C)
YUV	79.6310, 29.7619, -25.9864
Hunter-Lab	29.5940, 3.3531, -31.4129

Details

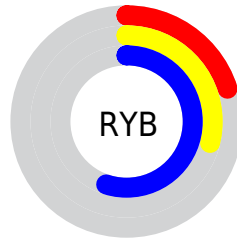
The HunterLab color $29.5940, 3.3531, -31.4129$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $40.4005, 2.8596, 20.5154$, and the grayscale version is $28.0962, -1.4991, 1.5265$.

A 20% lighter version of the original color is $48.3744, 3.2198, -32.6913$, and $14.7387, 4.8320, -28.8531$ is the 20% darker color. If you saturate the color by 10%, you get $26.8031, 5.8331, -38.2654$, and if you desaturate by 10%, it is $32.5807, 1.4087, -25.0502$.

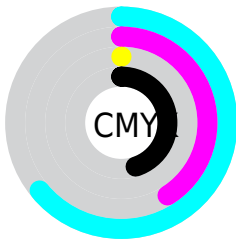
Distribution



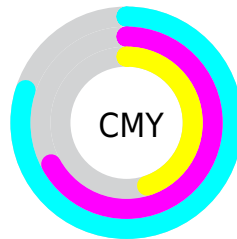
- Red (20%)
- Green (33%)
- Blue (55%)



- Red (20%)
- Yellow (29%)
- Blue (55%)



- Cyan (64%)
- Magenta (41%)
- Yellow (0%)
- Black (45%)



- Cyan (80%)
- Magenta (67%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5940, 3.3531, -31.4129 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 29.5940, 3.3531, -31.4129 by changing the saturation by 10% instead.

■ 29.5940, 3.3531,
-31.4129

■ 29.5940, 3.3531,
-31.4129

■ 134.7460, 0.8188,
-36.1363

■ 21.4100, 3.3195,
-31.0174

■ 48.4068, 3.1772,
-32.6126

■ 14.1607, 3.1803,
-31.1178

■ 58.9071, 2.9890,
-33.2386

■ 7.8136, 3.5129,
-33.7032

■ 70.0729, 2.7439,
-33.8369

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 81.8666, 2.4473,
-34.3944

0.0000, NaN, NaN

■ 94.2566, 2.1032,
-34.9049

0.0000, NaN, NaN

■ 107.2153, 1.7153,

0.0000, NaN, NaN

-35.3657

0.0000, NaN, NaN

120.7188, 1.2864,
-35.7760

■ 29.5940, 3.3531,
-31.4129

■ 29.5940, 3.3531,
-31.4129

■ 26.8031, 5.8331,
-38.2654

■ 32.5807, 1.4087,
-25.0502

■ 24.2392, 8.9112,
-45.5967

■ 35.7342, -0.0752,
-19.1485

■ 21.9371, 12.6078,
-53.3192

■ 39.0322, -1.1689,
-13.6570

■ 20.7125, 14.8747,
-57.9990

■ 42.4565, -1.9349,
-8.5208

■ 45.9919, -2.4254,
-3.6874

■ 49.6263, -2.6838,
0.8900

■ 53.3498, -2.7455,
5.2522

■ 57.1540, -2.6395,
9.4335

■ 61.0319, -2.3893,
13.4628

Harmonies

Analogous

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



29.5945, -9.0111, -29.9090



29.5940, 3.3531, -31.4129



29.5945, 16.3149, -21.6903

Triad

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



29.5945, 3.3535, -31.4122



29.5945, 19.0873, 13.2040



29.5945, -21.3366, 8.1336

Complementary

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



29.5940, 3.3531, -31.4129



40.4005, 2.8596, 20.5154

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.



29.5945, -16.0299, 14.2871



29.5940, 3.3531, -31.4129



29.5945, 6.6638, 16.2459

Square

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



29.5945, 3.3535, -31.4122



29.5945, 26.3676, 5.8074



29.5945, -6.2113, 16.5346



29.5945, -21.9183, -3.3073

Rectangle

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



29.5940, 3.3531, -31.4129



29.5945, 23.0208, -11.8566



29.5945, -6.2113, 16.5346



29.5945, -20.0940, 10.7360

Sweetspot

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



29.5945, 3.3535, -31.4122



58.6479, -2.9289, -8.1345



45.2726, -26.6000, 9.2137



27.5802, -1.3207, -4.6964



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



29.5945, 3.3535, -31.4122



34.0715, 9.4180, -54.9604



22.8020, 21.6368, -50.0847



22.7443, -1.2287, -0.6199



19.6141, 13.8029, -54.3124



2.2753, -0.1974, -2.4178

Inverse Universe

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



29.1232, 31.8845, 1.8429



34.9948, 50.2004, 4.9933



48.5550, -15.6513, 25.9599



22.5321, 1.0010, 0.9453



22.7433, 39.9094, 7.2480



1.9237, 3.5075, -0.4081

Previews

White Background



This preview shows how the HunterLab color 29.5940, 3.3531, -31.4129 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 29.5940, 3.3531, -31.4129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

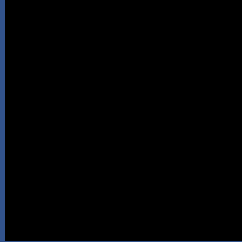
Any Text WCAG AA × Fail

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 29.5940, 3.3531, -31.4129 Background



This preview shows how black text looks on a background with the HunterLab color 29.5940, 3.3531, -31.4129.



This preview shows how white text looks on a background with the HunterLab color 29.5940, 3.3531, -31.4129.

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

29.5940, 3.3531, -31.4129

Protanopia

29.5120, 5.6086, -30.7889

Deuteranopia

29.6135, 2.0798, -31.3907



Tritanopia

29.6448, -12.5518, -5.5616

Trichromacy



Original Color

29.5940, 3.3531, -31.4129

Protanomaly

29.5625, 4.4701, -30.6940

Deuteranomaly

29.6900, 2.3361, -31.2110

Tritanomaly

29.5245, -7.5167, -13.9078

Monochromacy



Original Color

29.5940, 3.3531, -31.4129

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.4770, -0.9742, -8.6416

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5940, 3.3531, -31.4129 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(50, 83, 140)` looks like.

```
.text, #text, p{  
    color:rgb(50, 83, 140)  
}
```

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(50, 83, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 83, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5940, 3.3531, -31.4129 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(50, 83, 140) }
```


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

```
.border{ border-color:rgb(50, 83, 140) }
```

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

Here you see how a box with a 4 pixel rgb(50, 83, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 83, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 83, 140);  
box-shadow:4px 4px 4px 4px rgb(50, 83,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.5940, 3.3531, -31.4129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 83, 140) }
```

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

```
.background{ background-color: rgb(50, 83,  
140) }
```

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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