

Converting Colors

HunterLab(29.9867, 3.1490,
-30.7150)

Have a look what the booklet for
HunterLab(29.9867, 3.1490,
-30.7150) contains.

HunterLab(29.9402, 3.1701, -30.6281)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(29.9402, 3.1701,
-30.6281)**

Conversions

Conversions Part 1

Format	Color
Hex	34548C
RGB	52, 84, 140
RGB Percent	20%, 33%, 55%
CMY	0.7961, 0.6706, 0.4510
CMYK	0.63, 0.40, 0.00, 0.45
HSL	218°, 46%, 38%
HSV	218°, 63%, 55%
XYZ	9.3201, 8.9642, 26.0500
YIQ	80.8160, -37.0480, 10.6320

Conversions

Conversions Part 2

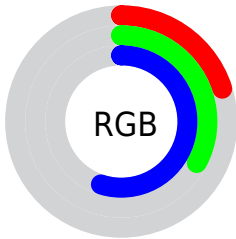
Format	Color
R_{YB}	52, 75, 140
Decimal	3429516
CIE Lab	35.92, 6.80, -34.65
CIE LCh	36, 35.310, 281.096
Yxy	8.9645, 0.2102, 0.2022
Android (android.graphics.Color)	4281619596 (0xFF34548C)
YUV	80.8160, 29.1777, -25.2716
Hunter-Lab	29.9402, 3.1701, -30.6281

Details

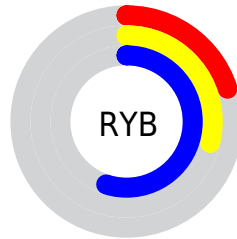
The HunterLab color $[29.9402, 3.1701, -30.6281]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[40.6810, 2.5154, 20.3758]$, and the grayscale version is $[28.5264, -1.5221, 1.5499]$.

A 20% lighter version of the original color is $[48.7810, 3.1441, -31.9206]$, and $[14.9628, 4.3783, -28.1537]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.1113, 5.5922, -37.4561]$, and if you desaturate by 10%, it is $[32.9619, 1.2748, -24.2956]$.

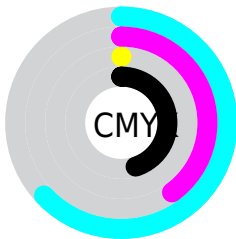
Distribution



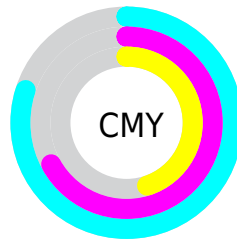
- Red (20%)
- Green (33%)
- Blue (55%)



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



- Cyan (63%)
- Magenta (40%)
- Yellow (0%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.9402, 3.1701, -30.6281 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 29.9402, 3.1701, -30.6281 by changing the saturation by 10% instead.

■ 29.9402, 3.1701,
-30.6281

■ 29.9402, 3.1701,
-30.6281

■ 135.3191, 0.5089,
-35.2501

■ 21.7210, 3.1563,
-30.2028

■ 48.8145, 2.9596,
-31.8322

■ 14.4318, 3.0397,
-30.2225

■ 59.3423, 2.7560,
-32.4489

■ 8.0927, 3.2267,
-32.2329

■ 70.5339, 2.4964,
-33.0343

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 82.3522, 2.1861,
-33.5769

0.0000, NaN, NaN

■ 94.7654, 1.8291,
-34.0711

0.0000, NaN, NaN

■ 107.7464, 1.4288,

0.0000, NaN, NaN

-34.5148

0.0000, NaN, NaN

121.2713, 0.9879,
-34.9076

■ 29.9402, 3.1701,
-30.6281

■ 29.9402, 3.1701,
-30.6281

■ 27.1113, 5.5922,
-37.4561

■ 32.9619, 1.2748,
-24.2956

■ 24.5060, 8.6069,
-44.7770

■ 36.1476, -0.1694,
-18.4246

■ 22.1615, 12.2471,
-52.5086

■ 39.4757, -1.2324,
-12.9616

■ 20.6226, 15.0941,
-58.3603

■ 42.9280, -1.9755,
-7.8504

■ 46.4900, -2.4500,
-3.0384

■ 50.1496, -2.6982,
1.5215

■ 53.8972, -2.7545,
5.8694

■ 57.7247, -2.6472,
10.0394

■ 61.6252, -2.3991,
14.0602

Harmonies

Analogous

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



29.9407, -8.9983, -29.0916



29.9402, 3.1701, -30.6281



29.9407, 15.9028, -21.2411

Triad

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



29.9407, 3.1704, -30.6273



29.9407, 18.7625, 13.1037



29.9407, -21.1212, 8.1339

Complementary

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



29.9402, 3.1701, -30.6281



40.6810, 2.5154, 20.3758

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.



29.9407, -15.8224, 14.2512



29.9402, 3.1701, -30.6281



29.9407, 6.5965, 16.1987

Square

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



29.9407, 3.1704, -30.6273



29.9407, 25.8396, 5.7062



29.9407, -6.0877, 16.5084



29.9407, -21.7305, -3.1150

Rectangle

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



29.9402, 3.1701, -30.6281



29.9407, 22.4931, -11.6685



29.9407, -6.0877, 16.5084



29.9407, -19.8758, 10.7119

Sweetspot

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



29.9407, 3.1704, -30.6273



58.6173, -2.8779, -8.1756



45.3471, -26.2674, 9.0297



27.5636, -1.2931, -4.7192



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.



29.9407, 3.1704, -30.6273



34.6716, 8.8214, -53.2835



23.3046, 20.9454, -48.3958



22.7391, -1.2200, -0.6263



19.5293, 14.0085, -54.6503



2.2679, -0.1854, -2.4345

Inverse Universe

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



29.4482, 31.1670, 1.8040



35.4208, 49.2099, 4.7101



48.5945, -15.4671, 25.7084



22.5315, 0.9981, 0.9529



22.7359, 39.8824, 7.3551



1.9229, 3.5043, -0.3958

Previews

White Background



This preview shows how the HunterLab color 29.9402, 3.1701, -30.6281 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 29.9402, 3.1701, -30.6281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

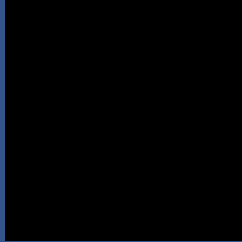
Any Text WCAG AA × Fail

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 29.9402, 3.1701, -30.6281 Background



This preview shows how black text looks on a background with the HunterLab color 29.9402, 3.1701, -30.6281.



This preview shows how white text looks on a background with the HunterLab color 29.9402, 3.1701, -30.6281.

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

29.9402, 3.1701, -30.6281

Protanopia

29.8711, 5.4753, -29.9802

Deuteranopia

30.0314, 2.1342, -30.4409



Tritanopia

30.0668, -12.3674, -5.4644

Trichromacy



Original Color

29.9402, 3.1701, -30.6281

Protanomaly

29.9168, 4.3182, -29.8982

Deuteranomaly

30.0723, 2.2713, -30.3467

Tritanomaly

29.9691, -7.2545, -13.7487

Monochromacy



Original Color

29.9402, 3.1701, -30.6281

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.8028, -1.1897, -8.1486

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.9402, 3.1701, -30.6281 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(52, 84, 140)` looks like.

```
.text, #text, p{  
    color:rgb(52, 84, 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(52, 84, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 84, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 29.9402, 3.1701, -30.6281 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(52, 84, 140) }
```


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

```
.border{ border-color:rgb(52, 84, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 84, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 84, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 84, 140);  
box-shadow:4px 4px 4px 4px rgb(52, 84,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.9402, 3.1701, -30.6281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 84, 140) }
```

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

```
.background{ background-color: rgb(52, 84,  
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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