

Converting Colors

HunterLab(29.5143, -1.4917,
-19.8572)

Have a look what the booklet for
HunterLab(29.5143, -1.4917,
-19.8572) contains.

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Color

**HunterLab(29.4657, -1.2679,
-20.2351)**

Conversions

Conversions Part 1

Format	Color
Hex	34557C
RGB	52, 85, 124
RGB Percent	20%, 33%, 49%
CMY	0.7961, 0.6667, 0.5137
CMYK	0.58, 0.31, 0.00, 0.51
HSL	213°, 41%, 35%
HSV	213°, 58%, 49%
XYZ	8.3027, 8.6823, 20.3070
YIQ	79.5790, -32.1870, 5.1330

Conversions

Conversions Part 2

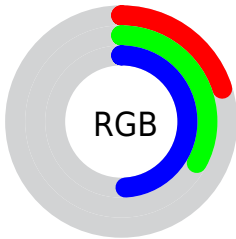
Format	Color
RYB	52, 75, 124
Decimal	3429756
CIELab	35.37, 0.45, -25.71
CIElCh	35, 25.711, 271.005
Yxy	8.6826, 0.2226, 0.2328
Android (android.graphics.Color)	4281619836 (0xFF34557C)
YUV	79.5790, 21.8996, -24.1868
Hunter-Lab	29.4657, -1.2679, -20.2351

Details

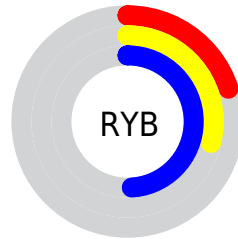
The HunterLab color $[29.4657, -1.2679, -20.2351]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[34.6636, 4.6004, 15.8825]$, and the grayscale version is $[28.1034, -1.4995, 1.5269]$.

A 20% lighter version of the original color is $[48.1327, -2.0155, -21.6129]$, and $[14.2323, 0.5384, -18.9513]$ is the 20% darker color. If you saturate the color by 10%, you get $[27.1804, -0.0025, -24.8476]$, and if you desaturate by 10%, it is $[31.8815, -2.1470, -15.8547]$.

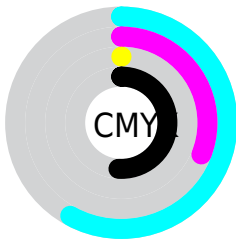
Distribution



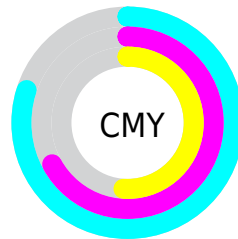
- Red (20%)
- Green (33%)
- Blue (49%)



- Red (20%)
- Yellow (29%)
- Blue (49%)



- Cyan (58%)
- Magenta (31%)
- Yellow (0%)
- Black (51%)



- Cyan (80%)
- Magenta (67%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.4657, -1.2679, -20.2351 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 29.4657, -1.2679, -20.2351 by changing the saturation by 10% instead.

■ 29.4657, -1.2679,
-20.2351

■ 29.4657, -1.2679,
-20.2351

■ 134.5333, -6.6785,
-23.1577

■ 21.2949, -0.8626,
-19.7079

■ 48.2557, -2.2169,
-21.2619

■ 14.0604, -0.5115,
-19.3071

■ 58.7457, -2.7528,
-21.7044

■ 7.7073, -0.1568,
-20.2209

■ 69.9019, -3.3258,
-22.0888

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 81.6865, -3.9335,
-22.4142

0.0000, NaN, NaN

■ 94.0678, -4.5742,
-22.6817

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.0182, -5.2461,

-22.8933

0.0000, NaN, NaN

120.5138, -5.9480,
-23.0511

■ 29.4657, -1.2679,
-20.2351

■ 29.4657, -1.2679,
-20.2351

■ 27.1804, -0.0025,
-24.8476

■ 31.8815, -2.1470,
-15.8547

■ 25.0401, 1.6959,
-29.6922

■ 34.4119, -2.6885,
-11.6973

■ 23.0622, 3.8647,
-34.7454

■ 37.0449, -2.9375,
-7.7441

■ 21.2377, 6.4387,
-40.0361

■ 39.7696, -2.9340,
-3.9741

■ 20.8924, 6.9513,
-41.1196

■ 42.5770, -2.7125,
-0.3658

■ 45.4593, -2.3025,
3.1010

■ 48.4097, -1.7287,
6.4448

■ 51.4226, -1.0120,
9.6823

■ 54.4932, -0.1697,
12.8280

Harmonies

Analogous

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



29.4662, -9.5497, -16.8780



29.4657, -1.2679, -20.2351



29.4662, 7.9447, -16.4230

Triad

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



29.4662, -1.2678, -20.2344



29.4662, 14.8890, 8.9254



29.4662, -15.3121, 8.5576

Complementary

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



29.4657, -1.2679, -20.2351



34.6636, 4.6004, 15.8825

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.



29.4662, -10.0191, 12.5638



29.4657, -1.2679, -20.2351



29.4662, 7.3525, 12.7266

Square

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



29.4662, -1.2678, -20.2344



29.4662, 17.9396, 1.8930



29.4662, -1.8786, 13.8258



29.4662, -17.0436, 1.3119

Rectangle

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



29.4657, -1.2679, -20.2351



29.4662, 13.2203, -10.8417



29.4662, -1.8786, 13.8258



29.4662, -13.9247, 10.2406

Sweetspot

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



29.4662, -1.2678, -20.2344



52.9987, -3.8812, -4.9504



39.8630, -22.8027, 9.6436



25.4364, -1.8953, -2.7807



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



29.4662, -1.2678, -20.2344



35.0110, 0.7384, -35.2405



21.6956, 14.7650, -38.4844



20.4159, -1.3243, -0.3465



21.0527, 7.0340, -41.4985



44.1354, 19.2348, -96.6879

Inverse Universe

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



27.1980, 25.7786, -1.5251



32.5356, 41.7060, -1.0704



43.3265, -10.7388, 22.0632



20.1066, 0.9242, 0.6471



21.5738, 38.3275, 3.2302



46.9400, 83.0577, 9.6221

Previews

White Background



This preview shows how the HunterLab color 29.4657, -1.2679, -20.2351 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 29.4657, -1.2679, -20.2351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

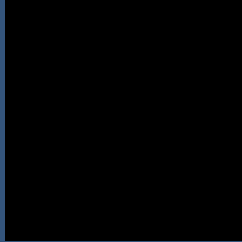
Any Text WCAG AA × Fail

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 29.4657, -1.2679, -20.2351 Background



This preview shows how black text looks on a background with the HunterLab color 29.4657, -1.2679, -20.2351.

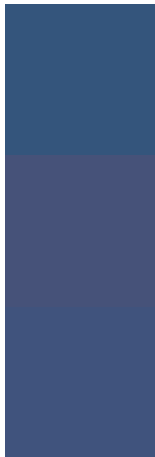


This preview shows how white text looks on a background with the HunterLab color 29.4657, -1.2679, -20.2351.

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

29.4657, -1.2679, -20.2351

Protanopia

29.5248, 2.7088, -18.0851

Deuteranopia

29.5925, 1.9533, -20.6039



Tritanopia

29.4055, -10.6169, -4.8691

Trichromacy



Original Color

29.4657, -1.2679, -20.2351

Protanomaly

29.4082, 1.0754, -18.9812

Deuteranomaly

29.6344, 0.7571, -20.5441

Tritanomaly

29.3238, -7.3321, -10.1837

Monochromacy



Original Color

29.4657, -1.2679, -20.2351

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.6028, -2.2865, -5.3542

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.4657, -1.2679, -20.2351 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, 85, 124)` looks like.

```
.text, #text, p{  
    color:rgb(52, 85, 124)  
}
```

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, 85, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 85, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 29.4657, -1.2679, -20.2351 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, 85, 124) }
```


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

```
.border{ border-color:rgb(52, 85, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 85, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 85, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 85, 124);  
box-shadow:4px 4px 4px 4px rgb(52, 85,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.4657, -1.2679, -20.2351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 85, 124) }
```

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

```
.background{ background-color: rgb(52, 85,  
124) }
```

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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