

Converting Colors

HunterLab(27.3364, 2.0623,
-23.3367)

Have a look what the booklet for
HunterLab(27.3364, 2.0623,
-23.3367) contains.

HunterLab(27.3309, 2.0352, -23.0659)	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(27.3309, 2.0352,
-23.0659)**

Conversions

Conversions Part 1

Format	Color
Hex	354D7A
RGB	53, 77, 122
RGB Percent	21%, 30%, 48%
CMY	0.7921, 0.6980, 0.5216
CMYK	0.57, 0.37, 0.00, 0.52
HSL	219°, 39%, 34%
HSV	219°, 57%, 48%
XYZ	7.6349, 7.4698, 19.4518
YIQ	74.9540, -28.7490, 8.9070

Conversions

Conversions Part 2

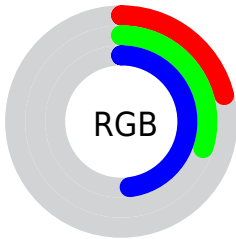
Format	Color
RYB	53, 71, 122
Decimal	3493242
CIELab	32.85, 5.16, -28.41
CIELCh	33, 28.876, 280.300
Yxy	7.4700, 0.2209, 0.2162
Android (android.graphics.Color)	4281683322 (0xFF354D7A)
YUV	74.9540, 23.1937, -19.2537
Hunter-Lab	27.3309, 2.0352, -23.0659

Details

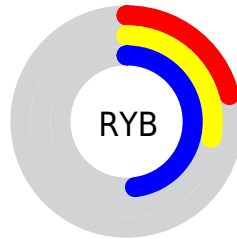
The HunterLab color $27.3309, 2.0352, -23.0659$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $36.2361, 0.8061, 16.8310$, and the grayscale version is $26.4367, -1.4106, 1.4364$.

A 20% lighter version of the original color is $45.8477, 1.6214, -24.1691$, and $12.5250, 2.9709, -22.0685$ is the 20% darker color. If you saturate the color by 10%, you get $24.7674, 3.8659, -28.7480$, and if you desaturate by 10%, it is $30.0438, 0.6073, -17.8128$.

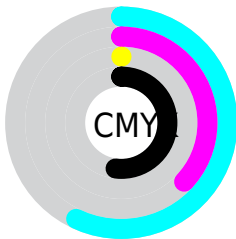
Distribution



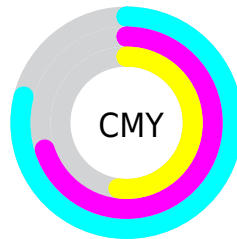
- Red (21%)
- Green (30%)
- Blue (48%)



- Red (21%)
- Yellow (28%)
- Blue (48%)



- Cyan (57%)
- Magenta (37%)
- Yellow (0%)
- Black (52%)



- Cyan (79%)
- Magenta (70%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.3309, 2.0352, -23.0659 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 27.3309, 2.0352, -23.0659 by changing the saturation by 10% instead.

■ 27.3309, 2.0352,
-23.0659

■ 27.3309, 2.0352,
-23.0659

■ 130.9634, -1.1949,
-26.6843

■ 19.3849, 2.1011,
-22.5742

■ 45.7305, 1.6776,
-24.1837

■ 12.4056, 2.0690,
-22.3733

■ 56.0464, 1.4060,
-24.7021

■ 5.6209, 3.7024,
-28.5194

■ 67.0390, 1.0816,
-25.1703

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 78.6690, 0.7091,
-25.5834

0.0000, NaN, NaN

■ 90.9031, 0.2923,
-25.9403

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.7130, -0.1656,

-26.2417

0.0000, NaN, NaN

117.0737, -0.6620,
-26.4890

■ 27.3309, 2.0352,
-23.0659

■ 27.3309, 2.0352,
-23.0659

■ 24.7674, 3.8659,
-28.7480

■ 30.0438, 0.6073,
-17.8128

■ 22.3774, 6.1627,
-34.8882

■ 32.8839, -0.4804,
-12.9435

■ 20.1917, 8.9772,
-41.4666

■ 35.8349, -1.2828,
-8.4053

■ 18.2273, 12.2738,
-48.4459

■ 38.8833, -1.8464,
-4.1484

■ 17.5839, 13.4501,
-51.0132

■ 42.0183, -2.2095,
-0.1283

■ 45.2307, -2.4032,
3.6931

■ 48.5135, -2.4531,
7.3482

■ 51.8603, -2.3799,
10.8640

■ 55.2660, -2.2004,
14.2630

Harmonies

Analogous

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



27.3314, -7.5975, -21.7037



27.3309, 2.0352, -23.0659



27.3314, 12.0049, -16.2857

Triad

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



27.3314, 2.0353, -23.0652



27.3314, 14.6633, 10.8145



27.3314, -17.2003, 6.9251

Complementary

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



27.3309, 2.0352, -23.0659



36.2361, 0.8061, 16.8310

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.



27.3314, -12.7359, 12.0242



27.3309, 2.0352, -23.0659



27.3314, 5.2724, 13.6512

Square

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



27.3314, 2.0353, -23.0652



27.3314, 19.9547, 4.5375



27.3314, -4.7877, 13.9967



27.3314, -17.8099, -1.9599

Rectangle

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



27.3309, 2.0352, -23.0659



27.3314, 17.1621, -9.1166



27.3314, -4.7877, 13.9967



27.3314, -16.1344, 9.0378

Sweetspot

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



27.3314, 2.0353, -23.0652



51.2237, -2.3962, -5.9720



39.4401, -20.9304, 6.6206



24.1953, -1.0982, -3.2601



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



27.3314, 2.0353, -23.0652



31.8468, 5.9976, -40.5779



22.4055, 15.4317, -34.6473



20.2497, -1.0489, -0.5500



18.0019, 13.9015, -52.5102



37.4222, 35.2314, -122.8288

Inverse Universe

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



26.8700, 23.6532, 1.4782



32.1181, 38.5346, 3.4287



41.9502, -12.8207, 20.8641



20.0896, 0.8328, 0.8890



21.2932, 37.3003, 7.2864



46.3475, 80.8847, 18.2188

Previews

White Background



This preview shows how the HunterLab color 27.3309, 2.0352, -23.0659 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 27.3309, 2.0352, -23.0659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

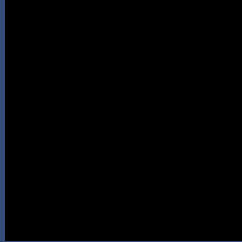
Any Text WCAG AA × Fail

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 27.3309, 2.0352, -23.0659 Background



This preview shows how black text looks on a background with the HunterLab color 27.3309, 2.0352, -23.0659.



This preview shows how white text looks on a background with the HunterLab color 27.3309, 2.0352, -23.0659.

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

27.3309, 2.0352, -23.0659

Protanopia

27.4044, 3.4935, -22.1886

Deuteranopia

27.2818, 1.8705, -23.1709



Tritanopia

27.4777, -9.5622, -4.1074

Trichromacy



Original Color

27.3309, 2.0352, -23.0659

Protanomaly

27.2382, 2.9440, -22.5394

Deuteranomaly

27.2818, 1.8705, -23.1709

Tritanomaly

27.2067, -5.4720, -10.7250

Monochromacy



Original Color

27.3309, 2.0352, -23.0659

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.7112, -1.0962, -6.0345

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.3309, 2.0352, -23.0659 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(53, 77, 122)` looks like.

```
.text, #text, p{  
    color:rgb(53, 77, 122)  
}
```

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(53, 77, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 77, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 27.3309, 2.0352, -23.0659 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(53, 77, 122) }
```


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

```
.border{ border-color:rgb(53, 77, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 77, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(53, 77, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(53, 77, 122); box-shadow:4px 4px 4px 4px rgb(53, 77, 122) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.3309, 2.0352, -23.0659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 77, 122) }
```

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

```
.background{ background-color: rgb(53, 77,  
122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor