

Converting Colors

HunterLab(23.4942, 6.7132,
-27.1029)

Have a look what the booklet for
HunterLab(23.4942, 6.7132,
-27.1029) contains.

HunterLab(23.4942, 6.7132, -27.1029)	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(23.4942, 6.7132,
-27.1029)**

Conversions

Conversions Part 1

Format	Color
Hex	333F74
RGB	51, 63, 116
RGB Percent	20%, 25%, 45%
CMY	0.8000, 0.7529, 0.5451
CMYK	0.56, 0.46, 0.00, 0.55
HSL	229°, 39%, 33%
HSV	229°, 56%, 45%
XYZ	6.2951, 5.5198, 17.2566
YIQ	65.4540, -24.1650, 13.9390

Conversions

Conversions Part 2

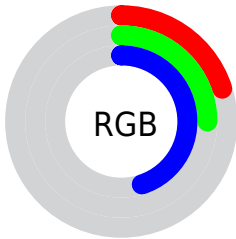
Format	Color
R_{YB}	51, 61, 116
Decimal	3358580
CIE Lab	28.17, 11.92, -32.08
CIE LCh	28, 34.227, 290.387
Yxy	5.5200, 0.2165, 0.1899
Android (android.graphics.Color)	4281548660 (0xFF333F74)
YUV	65.4540, 24.9192, -12.6762
Hunter-Lab	23.4942, 6.7132, -27.1029

Details

The HunterLab color **23.4942, 6.7132, -27.1029** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **37.2200, -3.9849, 17.8753**, and the grayscale version is **23.0723, -1.2311, 1.2536**.

A 20% lighter version of the original color is **41.0641, 7.4131, -28.0550**, and **9.7035, 6.5887, -26.3516** is the 20% darker color. If you saturate the color by 10%, you get **20.7271, 9.3916, -34.3282**, and if you desaturate by 10%, it is **26.4558, 4.4692, -20.6497**.

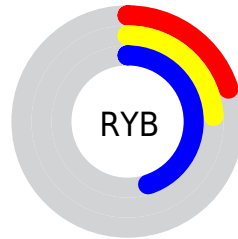
Distribution



 Red (20%)

 Green (25%)

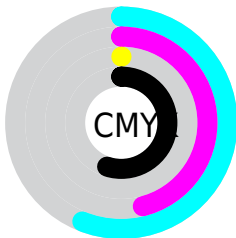
 Blue (45%)





 Red (20%)

 Yellow (24%)

 Blue (45%)

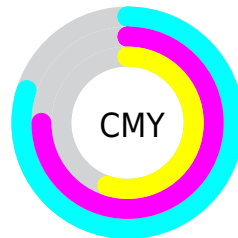


 Cyan (56%)

 Magenta (46%)

 Yellow (0%)

 Black (55%)



 Cyan (80%)

 Magenta (75%)

 Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4942, 6.7132, -27.1029 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 23.4942, 6.7132, -27.1029 by changing the saturation by 10% instead.

■ 23.4942, 6.7132,
-27.1029

■ 23.4942, 6.7132,
-27.1029

■ 124.3896, 6.6805,
-31.4893

■ 15.9858, 6.2811,
-26.8406

■ 41.1421, 7.2246,
-28.2155

■ 9.5096, 5.6904,
-27.3837

■ 51.1251, 7.3410,
-28.8129

0.0000, INF, -NF

■ 61.8059, 7.3812,
-29.3812

0.0000, NaN, -NF

■ 73.1417, 7.3536,
-29.9060

0.0000, NaN, NaN

■ 85.0965, 7.2648,
-30.3806

0.0000, NaN, NaN

■ 97.6398, 7.1202,

0.0000, NaN, NaN

0.0000, NaN, NaN

-30.8028

0.0000, NaN, NaN

110.7453, 6.9243,
-31.1721

■ 23.4942, 6.7132,
-27.1029

■ 23.4942, 6.7132,
-27.1029

■ 20.7271, 9.3916,
-34.3282

■ 26.4558, 4.4692,
-20.6497

■ 18.2007, 12.5733,
-42.3900

■ 29.5756, 2.5807,
-14.8542

■ 15.9781, 16.2734,
-51.1818

■ 32.8282, 0.9781,
-9.5961

■ 14.1175, 20.3220,
-60.3383

■ 36.1941, -0.3956,
-4.7710

■ 13.4632, 21.8921,
-64.0864

■ 39.6585, -1.5857,
-0.2926

■ 43.2101, -2.6274,
3.9079

■ 46.8396, -3.5481,
7.8851

■ 50.5399, -4.3694,
11.6821

■ 54.3049, -5.1082,
15.3331

Harmonies

Analogous

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



23.4946, -4.7383, -29.1411



23.4942, 6.7132, -27.1029



23.4946, 17.7071, -15.8547

Triad

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



23.4946, 6.7134, -27.1022



23.4946, 14.0841, 12.2084



23.4946, -18.9166, 4.4441

Complementary

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



23.4942, 6.7132, -27.1029



37.2200, -3.9849, 17.8753

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.



23.4946, -15.6291, 10.9387



23.4942, 6.7132, -27.1029



23.4946, 2.4441, 13.8273

Square

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



23.4946, 6.7134, -27.1022



23.4946, 22.4843, 7.3461



23.4946, -8.2850, 13.5068



23.4946, -18.2018, -7.0194

Rectangle

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



23.4942, 6.7132, -27.1029



23.4946, 22.6201, -6.6736



23.4946, -8.2850, 13.5068



23.4946, -18.2704, 7.1600

Sweetspot

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



23.4946, 6.7134, -27.1022



47.3546, -0.2856, -7.1903



37.6484, -18.1924, 2.6717



22.7964, -0.0105, -3.9743



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



23.4946, 6.7134, -27.1022



26.5536, 13.5076, -48.2532



22.2480, 16.4143, -30.0368



19.2074, -0.6190, -0.8012



14.1840, 23.4538, -68.3587



29.7656, 57.1831, -160.6462

Inverse Universe

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



25.3769, 20.8917, 5.0154



30.3291, 34.2491, 8.5173



39.0435, -14.7453, 19.0437



19.2637, 0.6569, 1.1901



20.5599, 35.5024, 11.0139



45.2811, 77.9831, 25.8654

Previews

White Background



This preview shows how the HunterLab color 23.4942, 6.7132, -27.1029 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 23.4942, 6.7132, -27.1029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

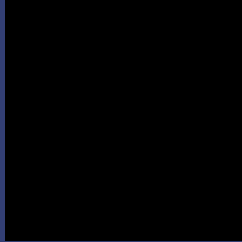
Any Text WCAG AA × Fail

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 23.4942, 6.7132, -27.1029 Background



This preview shows how black text looks on a background with the HunterLab color 23.4942, 6.7132, -27.1029.



This preview shows how white text looks on a background with the HunterLab color 23.4942, 6.7132, -27.1029.

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

23.4942, 6.7132, -27.1029

Protanopia

23.6238, 4.8641, -28.3741

Deuteranopia

23.4499, 1.4416, -26.5343



Tritanopia

23.5793, -7.8031, -3.7309

Trichromacy



Original Color

23.4942, 6.7132, -27.1029

Protanomaly

23.4713, 5.5171, -27.9531

Deuteranomaly

23.4719, 2.8062, -26.4584

Tritanomaly

23.4529, -3.1828, -11.2012

Monochromacy



Original Color

23.4942, 6.7132, -27.1029

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

22.9511, 1.0332, -7.5071

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4942, 6.7132, -27.1029 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(51, 63, 116)` looks like.

```
.text, #text, p{  
    color:rgb(51, 63, 116)  
}
```

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(51, 63, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 63, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4942, 6.7132, -27.1029 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(51, 63, 116) }
```


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

```
.border{ border-color:rgb(51, 63, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 63, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 63, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 63, 116);  
box-shadow:4px 4px 4px 4px rgb(51, 63,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.4942, 6.7132, -27.1029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 63, 116) }
```

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

```
.background{ background-color: rgb(51, 63,  
116) }
```

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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