

Converting Colors

HunterLab(27.0378, 4.3179,
-15.3335)

Have a look what the booklet for
HunterLab(27.0378, 4.3179,
-15.3335) contains.

HunterLab(27.1347, 4.2313, -15.4387)	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(27.1347, 4.2313,
-15.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	474A6E
RGB	71, 74, 110
RGB Percent	28%, 29%, 43%
CMY	0.7216, 0.7098, 0.5686
CMYK	0.35, 0.33, 0.00, 0.57
HSL	235°, 22%, 35%
HSV	235°, 35%, 43%
XYZ	7.8618, 7.3629, 15.7586
YIQ	77.2070, -13.3440, 10.5600

Conversions

Conversions Part 2

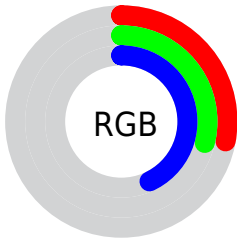
Format	Color
R_{YB}	71, 74, 110
Decimal	4672110
CIE Lab	32.62, 8.29, -21.18
CIE LCh	33, 22.743, 291.370
Yxy	7.3632, 0.2537, 0.2376
Android (android.graphics.Color)	4282862190 (0xFF474A6E)
YUV	77.2070, 16.1669, -5.4435
Hunter-Lab	27.1347, 4.2313, -15.4387

Details

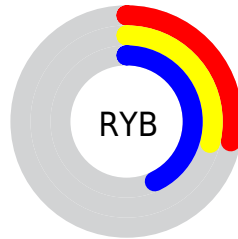
The HunterLab color $27.1347, 4.2313, -15.4387$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $37.7962, -5.5718, 13.8405$, and the grayscale version is $27.2642, -1.4548, 1.4813$.

A 20% lighter version of the original color is $45.6503, 4.1402, -16.1937$, and $12.3368, 3.5312, -14.2391$ is the 20% darker color. If you saturate the color by 10%, you get $23.9502, 6.5529, -21.6465$, and if you desaturate by 10%, it is $30.4705, 2.1925, -9.8904$.

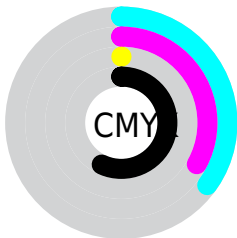
Distribution



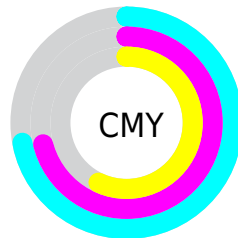
- Red (28%)
- Green (29%)
- Blue (43%)



- Red (28%)
- Yellow (29%)
- Blue (43%)



- Cyan (35%)
- Magenta (33%)
- Yellow (0%)
- Black (57%)



- Cyan (72%)
- Magenta (71%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.1347, 4.2313, -15.4387 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 27.1347, 4.2313, -15.4387 by changing the saturation by 10% instead.

■ 27.1347, 4.2313,
-15.4387

■ 27.1347, 4.2313,
-15.4387

■ 130.6325, 2.3733,
-17.3547

■ 19.2101, 4.0879,
-14.9514

■ 45.4975, 4.2418,
-16.2899

■ 12.2550, 3.8236,
-14.5182

■ 55.7971, 4.1361,
-16.6228

■ 5.3855, 6.4178,
-18.8968

■ 66.7743, 3.9682,
-16.8911

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 78.3898, 3.7442,
-17.0968

0.0000, NaN, NaN

■ 90.6101, 3.4691,
-17.2430

0.0000, NaN, NaN

103.4068, 3.1468,

0.0000, NaN, NaN

-17.3327

0.0000, NaN, NaN

116.7549, 2.7806,
-17.3690

■ 27.1347, 4.2313,
-15.4387

■ 27.1347, 4.2313,
-15.4387

■ 23.9502, 6.5529,
-21.6465

■ 30.4705, 2.1925,
-9.8904

■ 20.9492, 9.2320,
-28.6801

■ 33.9317, 0.3752,
-4.8615

■ 18.1801, 12.3434,
-36.6914

■ 37.5008, -1.2693,
-0.2377

■ 15.7101, 15.9237,
-45.7146

■ 41.1644, -2.7783,
4.0692

■ 13.6309, 19.8740,
-55.4191

■ 44.9120, -4.1802,
8.1269

■ 12.0329, 23.7720,
-64.8567

■ 48.7354, -5.4969,
11.9875

■ 11.4432, 25.3096,
-68.9392

■ 52.6278, -6.7452,
15.6915

■ 56.5838, -7.9381,
19.2702

■ 60.5988, -9.0859,
22.7483

Harmonies

Analogous

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



27.1352, -3.6620, -16.7390



27.1347, 4.2313, -15.4387



27.1352, 11.2802, -9.0169

Triad

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



27.1352, 4.2311, -15.4381



27.1352, 8.5561, 10.4214



27.1352, -14.7350, 3.5306

Complementary

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



27.1347, 4.2313, -15.4387



37.7962, -5.5718, 13.8405

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.



27.1352, -12.1936, 8.9557



27.1347, 4.2313, -15.4387



27.1352, 0.8366, 12.1305

Square

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



27.1352, 4.2311, -15.4381



27.1352, 13.9668, 6.1758



27.1352, -6.6978, 11.6827



27.1352, -14.0442, -4.2490

Rectangle

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



27.1347, 4.2313, -15.4387



27.1352, 14.2644, -3.4840



27.1352, -6.6978, 11.6827



27.1352, -14.2418, 5.6485

Sweetspot

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



27.1352, 4.2311, -15.4381



46.9180, -0.4340, -3.8358



36.8074, -11.9633, 0.1756



22.4153, -0.1075, -2.1362



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



27.1352, 4.2311, -15.4381



32.2778, 8.2574, -27.5541



27.6963, 9.6762, -14.3440



18.2700, -0.3531, -0.9315



12.4601, 28.0645, -76.1571



26.8396, 66.5960, -177.3089

Inverse Universe

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



28.8377, 10.9360, 4.6408



35.2697, 18.9988, 7.2232



37.3810, -11.4388, 13.3782



18.4534, 0.5362, 1.3466



20.0064, 34.3625, 12.1449



44.5925, 76.4717, 27.9958

Previews

White Background



This preview shows how the HunterLab color 27.1347, 4.2313, -15.4387 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 27.1347, 4.2313, -15.4387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

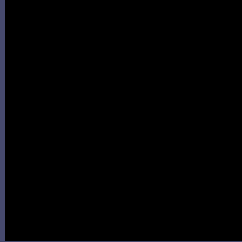
Any Text WCAG AA × Fail

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 27.1347, 4.2313, -15.4387 Background



This preview shows how black text looks on a background with the HunterLab color 27.1347, 4.2313, -15.4387.

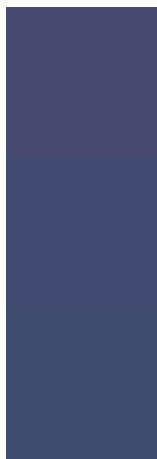


This preview shows how white text looks on a background with the HunterLab color 27.1347, 4.2313, -15.4387.

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

27.1347, 4.2313, -15.4387

Protanopia

27.0253, 2.6739, -16.2938

Deuteranopia

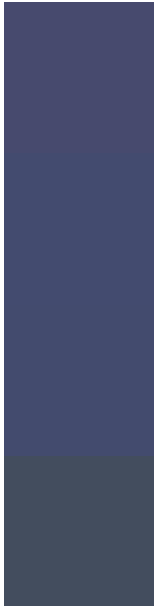
27.1747, 1.7959, -15.4093



Tritanopia

27.1508, -4.0200, -2.1079

Trichromacy



Original Color

27.1347, 4.2313, -15.4387

Protanomaly

27.1535, 3.0994, -16.0515

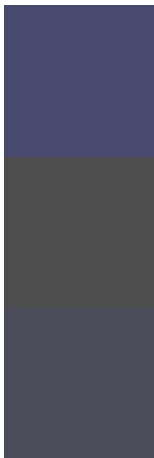
Deuteranomaly

27.1132, 2.8849, -15.5013

Tritanomaly

27.0355, -1.1679, -6.5849

Monochromacy



Original Color

27.1347, 4.2313, -15.4387

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.1772, 0.3158, -3.8668

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.1347, 4.2313, -15.4387 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(71, 74, 110)` looks like.

```
.text, #text, p{  
    color:rgb(71, 74, 110)  
}
```

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(71, 74, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 74, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 27.1347, 4.2313, -15.4387 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(71, 74, 110) }
```


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

```
.border{ border-color:rgb(71, 74, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 74, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 74, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 74, 110);  
box-shadow:4px 4px 4px 4px rgb(71, 74,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.1347, 4.2313, -15.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 74, 110) }
```

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

```
.background{ background-color: rgb(71, 74,  
110) }
```

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