

Converting Colors

HunterLab(29.6319, 13.0716,
-13.8150)

Have a look what the booklet for
HunterLab(29.6319, 13.0716,
-13.8150) contains.

HunterLab(29.5165, 13.2512, -14.1607)	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(29.5165, 13.2512,
-14.1607)**

Conversions

Conversions Part 1

Format	Color
Hex	644973
RGB	100, 73, 115
RGB Percent	39%, 29%, 45%
CMY	0.6078, 0.7137, 0.5490
CMYK	0.13, 0.37, 0.00, 0.55
HSL	279°, 22%, 37%
HSV	279°, 37%, 45%
XYZ	10.7326, 8.7122, 17.3357
YIQ	85.8610, 2.6100, 18.7860

Conversions

Conversions Part 2

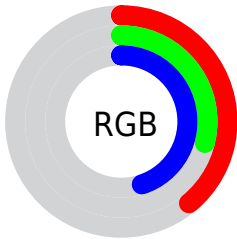
Format	Color
R_{YB}	100, 73, 115
Decimal	6572403
CIE _{Lab}	35.42, 20.01, -19.74
CIE _{LCh}	35, 28.108, 315.403
Yxy	8.7126, 0.2918, 0.2369
Android (android.graphics.Color)	4284762483 (0xFF644973)
YUV	85.8610, 14.3655, 12.3999
Hunter-Lab	29.5165, 13.2512, -14.1607

Details

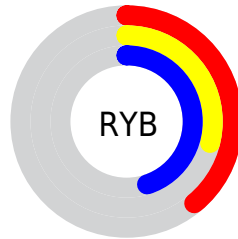
The HunterLab color $29.5165, 13.2512, -14.1607$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $38.4935, -14.6941, 13.7528$, and the grayscale version is $30.4038, -1.6223, 1.6519$.

A 20% lighter version of the original color is $48.3575, 14.6082, -14.7710$, and $14.0208, 11.6779, -13.6114$ is the 20% darker color. If you saturate the color by 10%, you get $26.6650, 17.6200, -19.3257$, and if you desaturate by 10%, it is $32.5673, 8.9186, -9.3049$.

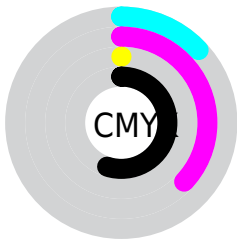
Distribution



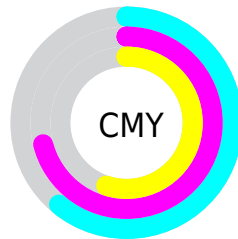
- Red (39%)
- Green (29%)
- Blue (45%)



- Red (39%)
- Yellow (29%)
- Blue (45%)



- Cyan (13%)
- Magenta (37%)
- Yellow (0%)
- Black (55%)



- Cyan (61%)
- Magenta (71%)
- Yellow (55%)
- Black (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5165, 13.2512, -14.1607 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 29.5165, 13.2512, -14.1607 by changing the saturation by 10% instead.

■ 29.5165, 13.2512,
-14.1607

■ 29.5165, 13.2512,
-14.1607

■ 134.6177, 16.0527,
-15.5276

■ 21.3406, 12.4511,
-13.7049

■ 48.3157, 14.4683,
-14.8975

■ 14.1002, 11.4952,
-13.2423

■ 58.8098, 14.9204,
-15.1663

■ 7.7497, 11.2841,
-13.5308

■ 69.9697, 15.2844,
-15.3701

0.0000, INF, -NF

■ 81.7580, 15.5696,
-15.5120

0.0000, NaN, NaN

■ 94.1427, 15.7834,
-15.5955

0.0000, NaN, NaN

107.0964, 15.9319,

0.0000, NaN, NaN

-15.6239

0.0000, NaN, NaN

120.5951, 16.0203,
-15.6003

■ 29.5165, 13.2512,
-14.1607

■ 29.5165, 13.2512,
-14.1607

■ 26.6650, 17.6200,
-19.3257

■ 32.5673, 8.9186,
-9.3049

■ 24.0490, 21.9512,
-24.7849

■ 35.7850, 4.6571,
-4.7415

■ 21.7152, 26.0991,
-30.4481

■ 39.1462, 0.4753,
-0.4362

■ 19.7153, 29.8218,
-36.1075

■ 42.6317, -3.6294,
3.6482

■ 18.1000, 32.7805,
-41.4040

■ 46.2263, -7.6653,
7.5466

■ 16.8376, 34.8601,
-46.1293

■ 49.9178, -11.6421,
11.2901

■ 16.4038, 35.6377,
-47.8933

■ 53.6963, -15.5700,
14.9053

■ 57.5536, -19.4583,
18.4144

■ 61.4829, -23.3152,
21.8360

Harmonies

Analogous

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



29.5171, 3.6557, -21.7489



29.5165, 13.2512, -14.1607



29.5171, 19.2143, -3.3353

Triad

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



29.5171, 13.2505, -14.1599



29.5171, 3.3799, 14.3142



29.5171, -17.7893, -3.6233

Complementary

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



29.5165, 13.2512, -14.1607



38.4935, -14.6941, 13.7528

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.



29.5171, -17.8427, 5.8189



29.5165, 13.2512, -14.1607



29.5171, -6.4679, 14.2825

Square

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



29.5171, 13.2505, -14.1599



29.5171, 13.0258, 11.8173



29.5171, -13.9539, 11.7089



29.5171, -13.7970, -14.4298

Rectangle

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



29.5165, 13.2512, -14.1607



29.5171, 19.8849, 3.2626



29.5171, -13.9539, 11.7089



29.5171, -18.2492, -0.1510

Sweetspot

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



29.5171, 13.2505, -14.1599



50.2168, 3.2915, -3.2914



31.1448, -0.8287, -11.7008



24.2999, 1.8911, -1.8997



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.



29.5171, 13.2505, -14.1599



36.1852, 22.7811, -24.8940



30.8594, 16.7665, -8.7061



19.2240, 0.7671, -0.7557



17.5040, 38.0602, -51.3558



37.9955, 83.2171, -116.1330

Inverse Universe

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



30.1909, 13.4706, 0.7074



37.3993, 23.0950, 1.0049



37.7318, -17.4199, 11.4407



19.2885, 0.7909, 0.8356



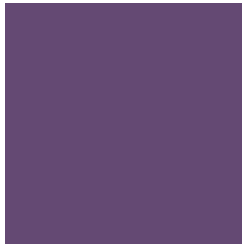
20.8484, 36.5654, 6.7900



45.8596, 80.1178, 17.3706

Previews

White Background



This preview shows how the HunterLab color 29.5165, 13.2512, -14.1607 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 29.5165, 13.2512, -14.1607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

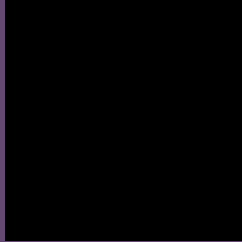
Any Text WCAG AA × Fail

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 29.5165, 13.2512, -14.1607 Background



This preview shows how black text looks on a background with the HunterLab color 29.5165, 13.2512, -14.1607.



This preview shows how white text looks on a background with the HunterLab color 29.5165, 13.2512, -14.1607.

-14.1607.

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

29.5165, 13.2512, -14.1607

Protanopia

29.5666, 2.9312, -18.6523

Deuteranopia

29.5342, 2.1027, -13.1271



Tritanopia

29.4631, 3.9044, 0.9286

Trichromacy



Original Color

29.5165, 13.2512, -14.1607

Protanomaly

29.4503, 6.1578, -16.8813

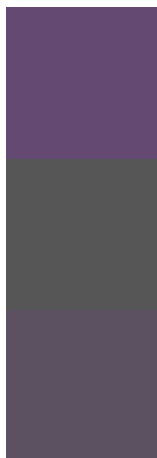
Deuteranomaly

29.4817, 5.8617, -13.7465

Tritanomaly

29.4850, 7.0937, -3.9600

Monochromacy



Original Color

29.5165, 13.2512, -14.1607

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

29.9534, 3.6848, -3.8640

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5165, 13.2512, -14.1607 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(100, 73, 115)` looks like.

```
.text, #text, p{  
    color:rgb(100, 73, 115)  
}
```

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(100, 73, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 73, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5165, 13.2512, -14.1607 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(100, 73, 115) }
```


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

```
.border{ border-color:rgb(100, 73, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 73, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 73, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 73, 115);  
box-shadow:4px 4px 4px 4px rgb(100, 73,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.5165, 13.2512, -14.1607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 73, 115) }
```

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

```
.background{ background-color: rgb(100, 73,  
115) }
```

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