

Converting Colors

HunterLab(16.5460, 5.3496,
-28.5057)

Have a look what the booklet for
HunterLab(16.5460, 5.3496,
-28.5057) contains.

HunterLab(16.5461, 5.3494, -28.5053)	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>	30

Color

**HunterLab(16.5461, 5.3494,
-28.5053)**

Conversions

Conversions Part 1

Format	Color
Hex	102C5F
RGB	16, 44, 95
RGB Percent	6%, 17%, 37%
CMY	0.9372, 0.8275, 0.6275
CMYK	0.83, 0.54, 0.00, 0.63
HSL	219°, 71%, 22%
HSV	219°, 83%, 37%
XYZ	3.1799, 2.7377, 11.1873
YIQ	41.4420, -33.0590, 9.9250

Conversions

Conversions Part 2

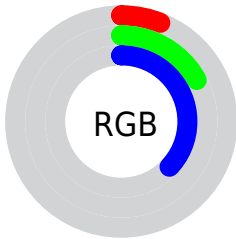
Format	Color
RYB	16, 37, 95
Decimal	1059935
CIELab	18.96, 10.42, -33.40
CIElCh	19, 34.982, 287.325
Yxy	2.7378, 0.1859, 0.1601
Android (android.graphics.Color)	4279250015 (0xFF102C5F)
YUV	41.4420, 26.4041, -22.3126
Hunter-Lab	16.5461, 5.3494, -28.5053

Details

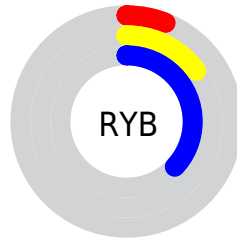
The HunterLab color **16.5461, 5.3494, -28.5053** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **25.4665, 3.2396, 14.6072**, and the grayscale version is **14.9598, -0.7982, 0.8128**.

A 20% lighter version of the original color is **32.6137, 5.9129, -29.2375**, and **4.6195, 12.5305, -32.8237** is the 20% darker color. If you saturate the color by 10%, you get **14.9864, 7.5512, -33.4656**, and if you desaturate by 10%, it is **18.2539, 3.5075, -23.8560**.

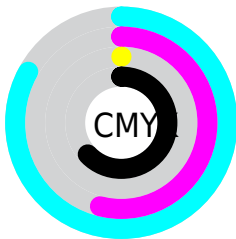
Distribution



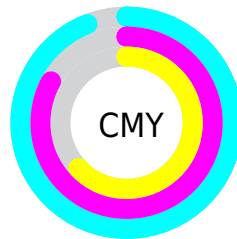
- Red (6%)
- Green (17%)
- Blue (37%)



- Red (6%)
- Yellow (15%)
- Blue (37%)



- Cyan (83%)
- Magenta (54%)
- Yellow (0%)
- Black (63%)



- Cyan (94%)
- Magenta (83%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5461, 5.3494, -28.5053 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 16.5461, 5.3494, -28.5053 by changing the saturation by 10% instead.

■ 16.5461, 5.3494,
-28.5053

■ 16.5461, 5.3494,
-28.5053

■ 111.8094, 5.2491,
-32.9494

■ 9.9821, 4.8779,
-29.1088

■ 32.6139, 5.8834,
-29.2504

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.9082, 5.9965,
-29.8516

0.0000, NaN, NaN

■ 51.9484, 6.0281,
-30.4640

0.0000, NaN, NaN

■ 62.6827, 5.9884,
-31.0526

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.0689, 5.8852,
-31.6011

0.0000, NaN, NaN

■ 86.0715, 5.7244,

0.0000, NaN, NaN

-32.1018

■ 98.6604, 5.5111,
-32.5515

■ 16.5461, 5.3494,
-28.5053

■ 16.5461, 5.3494,
-28.5053

■ 14.9864, 7.5512,
-33.4656

■ 18.2539, 3.5075,
-23.8560

■ 13.9688, 9.1376,
-37.1852

■ 20.0947, 2.0190,
-19.5264

■ 22.0498, 0.8422,
-15.5098

■ 24.1035, -0.0672,
-11.7798

■ 26.2428, -0.7502,
-8.3025

■ 28.4574, -1.2424,
-5.0431

■ 30.7385, -1.5736,
-1.9693

■ 33.0793, -1.7685,
0.9474

■ 35.4740, -1.8473,
3.7316

Harmonies

Analogous

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



16.5463, -4.9585, -29.4555



16.5461, 5.3494, -28.5053



16.5463, 16.0823, -17.3143

Triad

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



16.5463, 5.3499, -28.5048



16.5463, 14.5623, 9.8356



16.5463, -15.9636, 4.4836

Complementary

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



16.5461, 5.3494, -28.5053



25.4665, 3.2396, 14.6072

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.



16.5463, -12.9436, 9.3327



16.5461, 5.3494, -28.5053



16.5463, 3.6280, 11.5824

Square

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



16.5463, 5.3499, -28.5048



16.5463, 22.2204, 5.5369



16.5463, -6.3125, 11.5824



16.5463, -15.7164, -5.6498

Rectangle

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



16.5461, 5.3494, -28.5053



16.5463, 21.2948, -7.9920



16.5463, -6.3125, 11.5824



16.5463, -15.3347, 6.5856

Sweetspot

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



16.5463, 5.3499, -28.5048



36.4828, -1.4808, -7.6799



29.4761, -19.5457, 7.4422



17.5355, -0.6567, -4.2292



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



16.5463, 5.3499, -28.5048



17.8053, 13.1046, -50.5442



11.9322, 19.3724, -46.1040



16.2645, -0.8571, -0.3649



16.3580, 11.6014, -45.4903



35.7235, 32.0604, -113.8605

Inverse Universe

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



17.2787, 25.1278, 2.9103



20.8423, 36.5432, 6.8779



31.8250, -11.4744, 18.4958



16.1351, 0.5954, 0.7102



18.9986, 33.3335, 6.0918



43.7353, 76.3957, 16.6518

Previews

White Background



This preview shows how the HunterLab color 16.5461, 5.3494, -28.5053 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 16.5461, 5.3494, -28.5053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

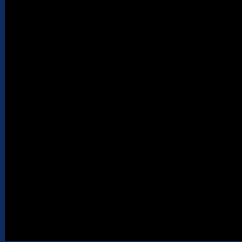
Any Text WCAG AA × Fail

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 16.5461, 5.3494, -28.5053 Background



This preview shows how black text looks on a background with the HunterLab color 16.5461, 5.3494, -28.5053.



This preview shows how white text looks on a background with the HunterLab color 16.5461, 5.3494, -28.5053.

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

16.5461, 5.3494, -28.5053

Deuteranopia

16.5018, -0.9710, -18.5298

Tritanopia

16.5282, -8.2151, -2.9249

Trichromacy



Original Color

16.5461, 5.3494, -28.5053

Deuteranomaly

16.6129, 1.1407, -21.9236

Tritanomaly

16.3632, -3.7758, -10.9783

Monochromacy



Original Color

16.5461, 5.3494, -28.5053

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.1655, 0.1307, -7.9129

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5461, 5.3494, -28.5053 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(16, 44, 95)` looks like.

```
.text, #text, p{  
    color:rgb(16, 44, 95)  
}
```

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(16, 44, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 44, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5461, 5.3494, -28.5053 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(16, 44, 95) }
```

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

```
.border{ border-color:rgb(16, 44, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 44, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 44, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 44, 95);  
box-shadow:4px 4px 4px 4px rgb(16, 44, 95)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 16.5461, 5.3494, -28.5053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 44, 95) }
```

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

```
.background{ background-color: rgb(16, 44,  
95) }
```

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