

Converting Colors

HunterLab(18.6681, -5.6632,
-9.1704)

Have a look what the booklet for
HunterLab(18.6681, -5.6632,
-9.1704) contains.

HunterLab(18.6687, -5.6654, -9.1709)	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(18.6687, -5.6654,
-9.1709)**

Conversions

Conversions Part 1

Format	Color
Hex	0A394A
RGB	10, 57, 74
RGB Percent	4%, 22%, 29%
CMY	0.9608, 0.7765, 0.7098
CMYK	0.86, 0.23, 0.00, 0.71
HSL	196°, 76%, 16%
HSV	196°, 86%, 29%
XYZ	2.8243, 3.4852, 7.0024
YIQ	44.8850, -33.4690, -4.6770

Conversions

Conversions Part 2

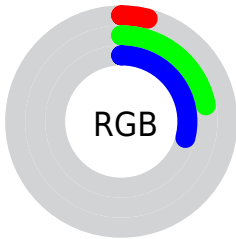
Format	Color
R_{YB}	10, 37, 74
Decimal	670026
CIE Lab	21.89, -8.45, -14.80
CIE LCh	22, 17.044, 240.265
Yxy	3.4853, 0.2122, 0.2618
Android (android.graphics.Color)	4278860106 (0xFF0A394A)
YUV	44.8850, 14.3537, -30.5941
Hunter-Lab	18.6687, -5.6654, -9.1709

Details

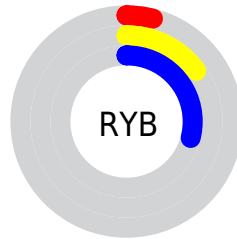
The HunterLab color **18.6687, -5.6654, -9.1709** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15.0396, 12.5024, 8.3535**, and the grayscale version is **16.1242, -0.8603, 0.8761**.

A 20% lighter version of the original color is **35.2430, -7.7863, -9.9446**, and **6.3860, -0.2358, -7.4730** is the 20% darker color. If you saturate the color by 10%, you get **18.0193, -5.4163, -10.3085**, and if you desaturate by 10%, it is **19.3439, -5.8292, -8.0398**.

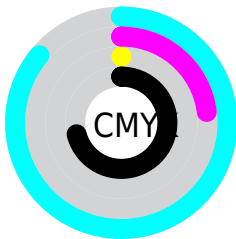
Distribution



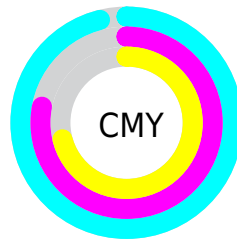
- Red (4%)
- Green (22%)
- Blue (29%)



- Red (4%)
- Yellow (15%)
- Blue (29%)



- Cyan (86%)
- Magenta (23%)
- Yellow (0%)
- Black (71%)



- Cyan (96%)
- Magenta (78%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6687, -5.6654, -9.1709 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 18.6687, -5.6654, -9.1709 by changing the saturation by 10% instead.

■ 18.6687, -5.6654,
-9.1709

■ 18.6687, -5.6654,
-9.1709

■ 115.7642,
-15.0811, -9.7796

■ 11.7900, -4.5597,
-8.7705

■ 35.2560, -7.7588,
-9.7809

■ 4.5757, -8.0076,
-13.5707

■ 44.7748, -8.7866,
-9.9716

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 55.0232, -9.8145,
-10.0906

0.0000, NaN, NaN

■ 65.9526, -10.8474,
-10.1431

0.0000, NaN, NaN

■ 77.5227, -11.8886,
-10.1340

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.7000, -12.9404,

-10.0679

0.0000, NaN, NaN

■ 102.4555,
-14.0042, -9.9486

■ 18.6687, -5.6654,
-9.1709

■ 18.6687, -5.6654,
-9.1709

■ 18.0193, -5.4163,
-10.3085

■ 19.3439, -5.8292,
-8.0398

■ 17.7898, -5.3330,
-10.7233

■ 20.0721, -5.8035,
-6.8701

■ 20.8531, -5.5920,
-5.6684

■ 21.6856, -5.2028,
-4.4415

■ 22.5676, -4.6466,
-3.1960

■ 23.4970, -3.9352,
-1.9377

■ 24.4713, -3.0813,
-0.6715

■ 25.4881, -2.0974,
0.5985

■ 26.5451, -0.9955,
1.8691

Harmonies

Analogous

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



18.6690, -8.8131, -4.3906



18.6687, -5.6654, -9.1709



18.6690, -0.9512, -11.0918

Triad

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



18.6690, -5.6653, -9.1706



18.6690, 9.9899, 1.0598



18.6690, -5.7367, 7.4656

Complementary

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



18.6687, -5.6654, -9.1709



15.0396, 12.5024, 8.3535

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.



18.6690, -1.0430, 8.2022



18.6687, -5.6654, -9.1709



18.6690, 8.3628, 5.1727

Square

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



18.6690, -5.6653, -9.1706



18.6690, 8.4173, -4.2940



18.6690, 4.1802, 7.4917



18.6690, -8.8510, 5.1156

Rectangle

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



18.6687, -5.6654, -9.1709



18.6690, 2.5631, -10.1755



18.6690, 4.1802, 7.4917



18.6690, -4.3091, 7.8763

Sweetspot

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



18.6690, -5.6653, -9.1706



30.9435, -5.2492, -2.6472



22.4428, -17.3186, 10.9434



15.4385, -2.7159, -1.4613



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



18.6690, -5.6653, -9.1706



23.2121, -6.6591, -14.6380



11.3929, 7.1799, -26.5698



13.5154, -1.2451, 0.1689



24.4511, -6.9603, -15.5364



58.2139, -15.0541, -40.2648

Inverse Universe

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



14.0303, 22.1540, -7.3251



17.2999, 32.2681, -9.2973



21.2228, -0.1996, 12.2712



13.1164, 0.5959, 0.0936



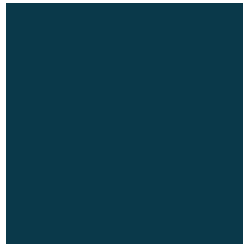
18.2523, 34.0337, -9.7247



44.2578, 82.2258, -21.2687

Previews

White Background



This preview shows how the HunterLab color 18.6687, -5.6654, -9.1709 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

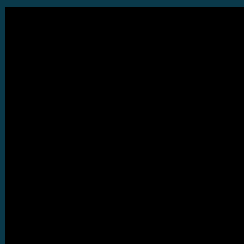
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

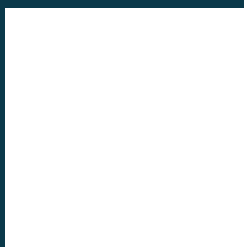
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 18.6687, -5.6654, -9.1709 Background



This preview shows how black text looks on a background with the HunterLab color 18.6687, -5.6654, -9.1709.



This preview shows how white text looks on a background with the HunterLab color 18.6687, -5.6654, -9.1709.

-9.1709.

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

18.6687, -5.6654, -9.1709

Protanopia

18.7791, 0.9030, -6.7067

Deuteranopia

18.7068, 1.0101, -9.5529



Tritanopia

18.6730, -9.1508, -3.5856

Trichromacy



Original Color

18.6687, -5.6654, -9.1709

Protanomaly

18.5293, -2.4068, -7.6992

Deuteranomaly

18.5834, -1.9294, -9.8207

Tritanomaly

18.5935, -7.8063, -5.6123

Monochromacy



Original Color

18.6687, -5.6654, -9.1709

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.7010, -3.4923, -3.0523

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6687, -5.6654, -9.1709 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(10, 57, 74)` looks like.

```
.text, #text, p{  
    color:rgb(10, 57, 74)  
}
```

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(10, 57, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 57, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6687, -5.6654, -9.1709 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(10, 57, 74) }
```


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

```
.border{ border-color:rgb(10, 57, 74) }
```

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

Here you see how a box with a 4 pixel rgb(10, 57, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 57, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 57, 74);  
box-shadow:4px 4px 4px 4px rgb(10, 57, 74)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.6687, -5.6654, -9.1709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 57, 74) }
```

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

```
.background{ background-color: rgb(10, 57,  
74) }
```

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