

# Converting Colors

HunterLab(18.7992, -6.4734,  
-9.5233)

Have a look what the booklet for  
HunterLab(18.7992, -6.4734,  
-9.5233) contains.

<b>HunterLab(18.7992, -6.4734, -9.5233)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(18.7992, -6.4734,  
-9.5233)**

# Conversions

## Conversions Part 1

Format	Color
Hex	003A4B
RGB	0, 58, 75
RGB Percent	0%, 23%, 29%
CMY	1.0000, 0.7725, 0.7059
CMYK	1.00, 0.23, 0.00, 0.71
HSL	194°, 100%, 15%
HSV	194°, 100%, 29%
XYZ	2.7830, 3.5341, 7.1921
YIQ	42.5960, -40.0250, -7.0090

# Conversions

## Conversions Part 2

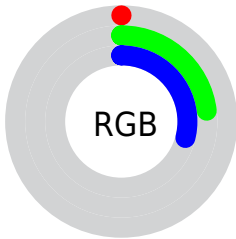
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 33, 75
Decimal	14923
CIELab	22.07, -9.97, -15.21
CIELCh	22, 18.190, 236.754
Yxy	3.5342, 0.2060, 0.2616
Android (android.graphics.Color)	4278205003 (0xFF003A4B)
YUV	42.5960, 15.9752, -37.3567
Hunter-Lab	18.7992, -6.4734, -9.5233

# Details

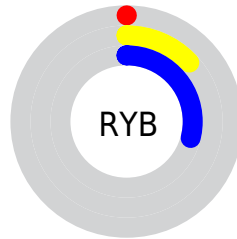
The HunterLab color **18.7992, -6.4734, -9.5233** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.7728, 16.1032, 8.7681**, and the grayscale version is **15.3701, -0.8201, 0.8351**.

A 20% lighter version of the original color is **35.3823, -8.6794, -10.3031**, and **6.6376, -0.3709, -7.4958** is the 20% darker color. If you saturate the color by 10%, you get **18.7992, -6.4732, -9.5236**, and if you desaturate by 10%, it is **19.3827, -6.6219, -8.5346**.

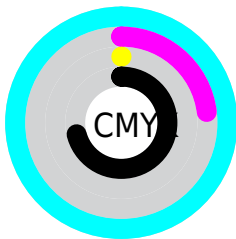
# Distribution



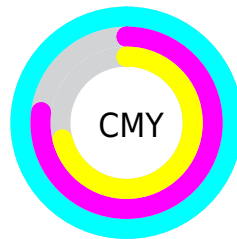
- Red (0%)
- Green (23%)
- Blue (29%)



- Red (0%)
- Yellow (13%)
- Blue (29%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (77%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7992, -6.4734, -9.5233 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 18.7992, -6.4734, -9.5233 by changing the saturation by 10% instead.



18.7992, -6.4734,  
-9.5233

18.7992, -6.4734,  
-9.5233

116.0038,  
-16.6709, -10.2553

11.9020, -5.2289,  
-9.1152

35.4172, -8.7917,  
-10.1589

4.7843, -8.3726,  
-13.4612

44.9494, -9.9158,  
-10.3639

0.0000, NaN, -NF

55.2102, -11.0325,  
-10.4973

0.0000, NaN, NaN

66.1512, -12.1482,  
-10.5641

0.0000, NaN, NaN

77.7323, -13.2673,  
-10.5691


0.0000, NaN, NaN


89.9200, -14.3928,


0.0000, NaN, NaN


-10.5168


0.0000, NaN, NaN


 102.6855,  
-15.5268, -10.4111


 18.7992, -6.4734,  
-9.5233


 18.7992, -6.4734,  
-9.5233


 18.7992, -6.4732,  
-9.5236

 19.3827, -6.6219,  
-8.5346

 19.9751, -6.7423,  
-7.5678

 20.6169, -6.6840,  
-6.5562

 21.3117, -6.4356,  
-5.4996

 22.0589, -6.0021,  
-4.4043

■ 22.8574, -5.3920,  
-3.2765

■ 23.7055, -4.6160,  
-2.1226

■ 24.6011, -3.6861,  
-0.9484

■ 25.5421, -2.6149,  
0.2413

# Harmonies

## Analogous

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



18.7995, -9.5694, -4.1094



18.7992, -6.4734, -9.5233



18.7995, -1.6010, -12.0960

# Triad

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



18.7995, -6.4733, -9.5230



18.7995, 10.8019, 0.4429



18.7995, -5.5449, 7.9878

# Complementary

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



18.7992, -6.4734, -9.5233



13.7728, 16.1032, 8.7681

# 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.



18.7995, -0.3997, 8.5673



18.7992, -6.4734, -9.5233



18.7995, 9.4365, 5.0226

# Square

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



18.7995, -6.4733, -9.5230



18.7995, 8.7152, -5.3919



18.7995, 5.1720, 7.6575



18.7995, -9.0784, 5.7574



# Rectangle

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



18.7992, -6.4734, -9.5233



18.7995, 2.1524, -11.4301



18.7995, 5.1720, 7.6575



18.7995, -3.9652, 8.3483

# Sweetspot

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



18.7995, -6.4733, -9.5230



30.7390, -6.1329, -2.9325



22.5175, -18.7032, 12.2307



15.3204, -3.1886, -1.6266



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.



18.7995, -6.4733, -9.5230



24.2582, -8.1273, -12.7761



10.2651, 8.8658, -31.9676



13.5499, -1.3012, 0.2100



25.5614, -8.5209, -13.5554



61.0890, -19.1604, -34.9941



# Inverse Universe

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



13.4219, 25.2595, -8.9706



17.4442, 32.7807, -11.2623



20.2760, 1.5741, 12.5211



13.1200, 0.6153, 0.0424



18.4053, 34.5771, -11.8081



44.6473, 83.6122, -26.5939



# Previews

## White Background



This preview shows how the HunterLab color 18.7992, -6.4734, -9.5233 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

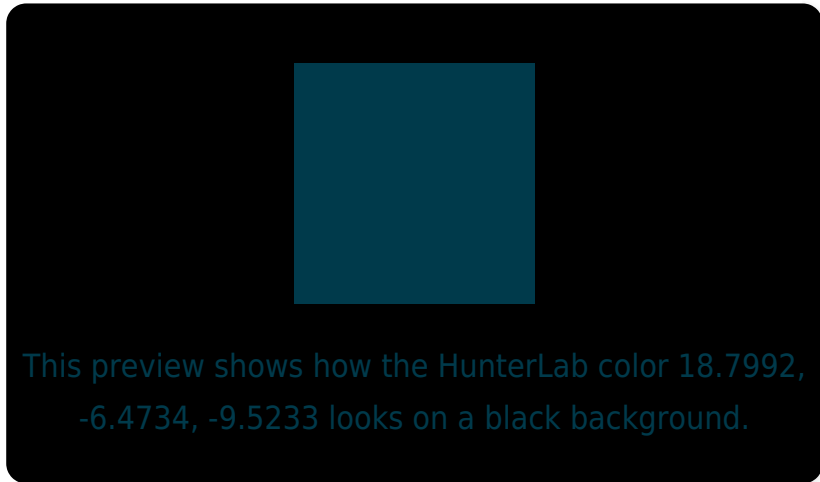
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

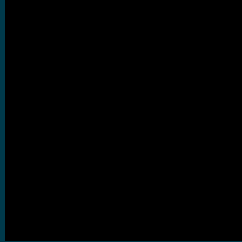
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

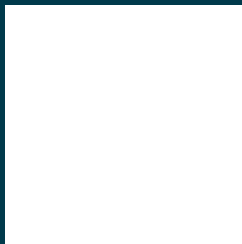
Any Text WCAG AAA × Fail

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

# HunterLab 18.7992, -6.4734, -9.5233 Background



This preview shows how black text looks on a background with the HunterLab color 18.7992, -6.4734, -9.5233.



This preview shows how white text looks on a background with the HunterLab color 18.7992, -6.4734, -9.5233.

-9.5233.

# 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

18.7992, -6.4734, -9.5233

### Protanopia

19.0513, 0.6653, -6.8011

### Deuteranopia

19.0418, 0.9843, -9.5390



## Tritanopia

18.7032, -8.9724, -4.0085

# Trichromacy



## Original Color

18.7992, -6.4734, -9.5233

## Protanomaly

18.6857, -3.0773, -7.9932

## Deuteranomaly

18.7494, -2.5616, -10.1133

## Tritanomaly

18.8289, -8.2327, -5.7625

# Monochromacy



## Original Color

18.7992, -6.4734, -9.5233

## Achromatopsia

15.5427, -0.8293, 0.8445

## Achromatomaly

16.1949, -4.1089, -3.3252

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 18.7992, -6.4734, -9.5233 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(0, 58, 75)` looks like.

```
.text, #text, p{  
    color:rgb(0, 58, 75)  
}
```

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(0, 58, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 58, 75) }
```

## Border

The CSS property to change the border of an element to HunterLab 18.7992, -6.4734, -9.5233 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(0, 58, 75) }
```



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

```
.border{ border-color:rgb(0, 58, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 58, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 58, 75); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 58, 75); box-shadow:4px  
4px 4px 4px rgb(0, 58, 75) }
```

# Background

The CSS property to change the background color of an element to HunterLab 18.7992, -6.4734, -9.5233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 58, 75) }
```

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

```
.background{ background-color: rgb(0, 58,  
75) }
```

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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