

Converting Colors

HunterLab(12.4613, 6.0480,
-9.0382)

Have a look what the booklet for
HunterLab(12.4613, 6.0480, -9.0382)
contains.

HunterLab(12.3620, 6.0586, -9.0153)	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(12.3620, 6.0586,
-9.0153)**

Conversions

Conversions Part 1

Format	Color
Hex	271C36
RGB	39, 28, 54
RGB Percent	15%, 11%, 21%
CMY	0.8471, 0.8902, 0.7882
CMYK	0.28, 0.48, 0.00, 0.79
HSL	265°, 32%, 16%
HSV	265°, 48%, 21%
XYZ	1.9178, 1.5282, 3.6839
YIQ	34.2530, -1.7900, 10.4180

Conversions

Conversions Part 2

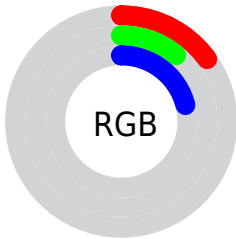
Format	Color
R_{YB}	39, 28, 54
Decimal	2563126
CIE Lab	12.79, 12.04, -15.05
CIE LCh	13, 19.279, 308.657
Yxy	1.5283, 0.2690, 0.2143
Android (android.graphics.Color)	4280753206 (0xFF271C36)
YUV	34.2530, 9.7353, 4.1631
Hunter-Lab	12.3620, 6.0586, -9.0153

Details

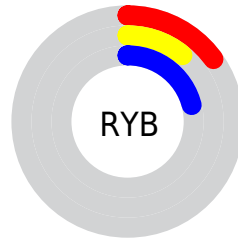
The HunterLab color **12.3620, 6.0586, -9.0153** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **17.9884, -6.4231, 7.3507**, and the grayscale version is **12.6985, -0.6776, 0.6899**.

A 20% lighter version of the original color is **27.3964, 6.8686, -9.6431**, and **1.1467, 3.1104, -8.1477** is the 20% darker color. If you saturate the color by 10%, you get **11.1194, 7.6377, -11.6240**, and if you desaturate by 10%, it is **13.6790, 4.5158, -6.6193**.

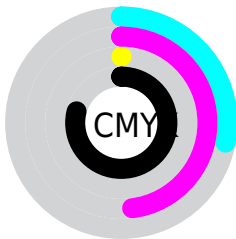
Distribution



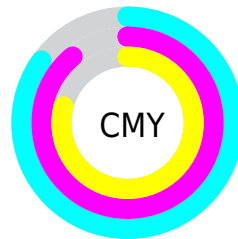
- Red (15%)
- Green (11%)
- Blue (21%)



- Red (15%)
- Yellow (11%)
- Blue (21%)



- Cyan (28%)
- Magenta (48%)
- Yellow (0%)
- Black (79%)



- Cyan (85%)
- Magenta (89%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.3620, 6.0586, -9.0153 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 12.3620, 6.0586, -9.0153 by changing the saturation by 10% instead.

■ 12.3620, 6.0586,
-9.0153

■ 12.3620, 6.0586,
-9.0153

■ 103.6248, 7.1646,
-10.2228

■ 5.5542, 9.1513,
-11.6293

■ 27.2749, 6.9573,
-9.7627

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.0770, 7.2213,
-10.0321

0.0000, NaN, NaN

■ 45.6634, 7.3897,
-10.2259

0.0000, NaN, NaN

■ 55.9746, 7.4758,
-10.3483

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.9628, 7.4894,
-10.4046

0.0000, NaN, NaN

■ 78.5886, 7.4383,

0.0000, NaN, NaN

-10.3996

90.8188, 7.3283,
-10.3377

12.3620, 6.0586,
-9.0153

12.3620, 6.0586,
-9.0153

11.1194, 7.6377,
-11.6240

13.6790, 4.5158,
-6.6193

9.9652, 9.2377,
-14.4627

15.0583, 3.0136,
-4.4101

8.9182, 10.8200,
-17.5180

16.4911, 1.5495,
-2.3588

7.9503, 12.4734,
-20.9101

17.9707, 0.1191,
-0.4391

6.8940, 14.8595,
-25.5072

19.4915, -1.2827,
1.3719

■ 6.6835, 15.4307,
-26.5722

■ 21.0491, -2.6611,
3.0931

■ 22.6399, -4.0205,
4.7403

■ 24.2609, -5.3648,
6.3263

■ 25.9098, -6.6975,
7.8618

Harmonies

Analogous

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



12.3622, 0.8459, -12.5035



12.3620, 6.0586, -9.0153



12.3622, 9.8269, -3.2128

Triad

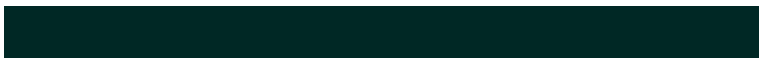
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.3622, 6.0584, -9.0149



12.3622, 3.1028, 7.2824



12.3622, -8.9166, -0.8104

Complementary

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



12.3620, 6.0586, -9.0153



17.9884, -6.4231, 7.3507

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.



12.3622, -8.5119, 3.6017



12.3620, 6.0586, -9.0153



12.3622, -2.0977, 7.6521

Square

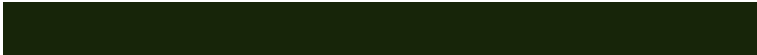
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



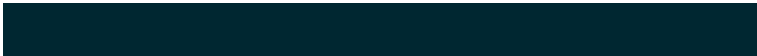
12.3622, 6.0584, -9.0149



12.3622, 7.9377, 5.2994



12.3622, -6.1936, 6.3094



12.3622, -7.4057, -6.6599

Rectangle

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



12.3620, 6.0586, -9.0153



12.3622, 10.7101, 0.4530



12.3622, -6.1936, 6.3094



12.3622, -8.9943, 0.8889

Sweetspot

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



12.3622, 6.0584, -9.0149



22.3303, 1.3916, -2.2230



15.0106, -2.3099, -4.5763



11.6008, 0.7895, -1.2459



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



12.3622, 6.0584, -9.0149



14.1581, 10.6514, -16.3361



13.5002, 9.2811, -6.8464



10.0757, 0.0869, -0.2730



10.9426, 25.7688, -47.4194



27.2874, 65.5309, -128.1050

Inverse Universe

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



13.3763, 8.2536, -1.7437



15.9622, 14.0567, -2.8264



17.3227, -8.9937, 6.7563



10.1581, 0.3122, 0.2610



15.8799, 28.8112, -2.2687



40.7755, 73.5565, -2.5439

Previews

White Background



This preview shows how the HunterLab color 12.3620, 6.0586, -9.0153 looks on a white background.

Color Contrast Check

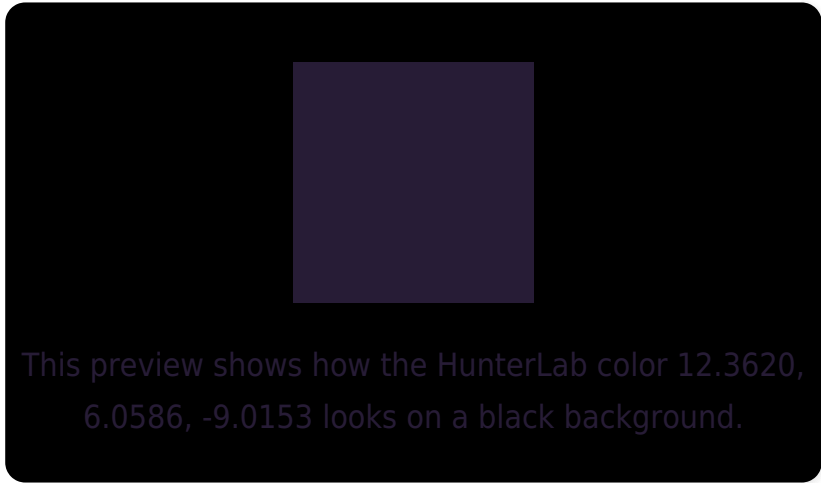
Large Text (above 18pt) WCAG AA ✓ Pass

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

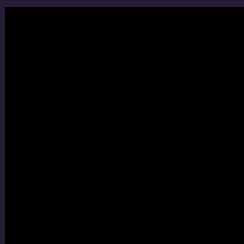
Any Text WCAG AA × Fail

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 12.3620, 6.0586, -9.0153 Background



This preview shows how black text looks on a background with the HunterLab color 12.3620, 6.0586, -9.0153.



This preview shows how white text looks on a background with the HunterLab color 12.3620, 6.0586, -9.0153.

-9.0153.

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

12.3620, 6.0586, -9.0153

Protanopia

12.5051, 1.5037, -11.2473

Deuteranopia

12.3568, 0.6188, -8.5359



Tritanopia

12.2951, 0.4495, -0.0838

Trichromacy



Original Color

12.3620, 6.0586, -9.0153

Protanomaly

12.3380, 3.1103, -10.9445

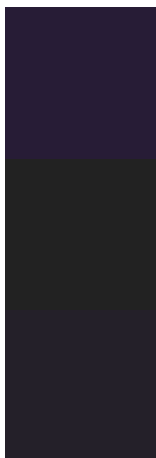
Deuteranomaly

12.2402, 2.4855, -8.7291

Tritanomaly

12.3378, 2.0703, -2.8878

Monochromacy



Original Color

12.3620, 6.0586, -9.0153

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.5227, 1.5233, -2.1892

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3620, 6.0586, -9.0153 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(39, 28, 54)` looks like.

```
.text, #text, p{  
    color:rgb(39, 28, 54)  
}
```

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(39, 28, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 28, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3620, 6.0586, -9.0153 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(39, 28, 54) }
```


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

```
.border{ border-color:rgb(39, 28, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 28, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 28, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 28, 54);  
box-shadow:4px 4px 4px 4px rgb(39, 28, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.3620, 6.0586, -9.0153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 28, 54) }
```

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

```
.background{ background-color: rgb(39, 28,  
54) }
```

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