

Converting Colors

HunterLab(27.1533, -3.5404,
-24.1879)

Have a look what the booklet for
HunterLab(27.1533, -3.5404,
-24.1879) contains.

HunterLab(27.2332, -3.6474, -24.0797)	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(27.2332, -3.6474,
-24.0797)**

Conversions

Conversions Part 1

Format	Color
Hex	0F517B
RGB	15, 81, 123
RGB Percent	6%, 32%, 48%
CMY	0.9411, 0.6823, 0.5176
CMYK	0.88, 0.34, 0.00, 0.52
HSL	203°, 78%, 27%
HSV	203°, 88%, 48%
XYZ	6.7146, 7.4165, 19.8165
YIQ	66.0540, -52.8180, -0.9300

Conversions

Conversions Part 2

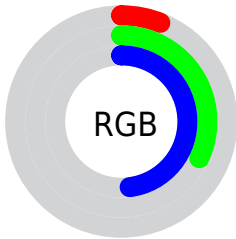
Format	Color
R_{YB}	15, 56, 123
Decimal	1003899
CIE _{Lab}	32.74, -3.38, -29.31
CIE _{LCh}	33, 29.505, 263.428
Yxy	7.4167, 0.1978, 0.2185
Android (android.graphics.Color)	4279193979 (0xFF0F517B)
YUV	66.0540, 28.0744, -44.7744
Hunter-Lab	27.2332, -3.6474, -24.0797

Details

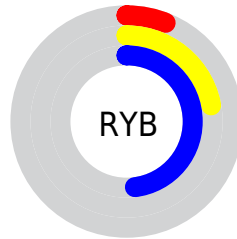
The HunterLab color $27.2332, -3.6474, -24.0797$ is a dark color, and the websafe version is hex 006699 . A complement of this color would be $26.7822, 17.9032, 15.8151$, and the grayscale version is $23.2794, -1.2421, 1.2648$.

A 20% lighter version of the original color is $45.6129, -4.9700, -25.3711$, and $13.4816, 1.5317, -20.1575$ is the 20% darker color. If you saturate the color by 10%, you get $25.7806, -2.1294, -27.2472$, and if you desaturate by 10%, it is $28.7899, -4.8360, -20.9356$.

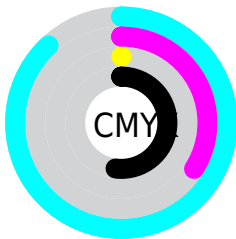
Distribution



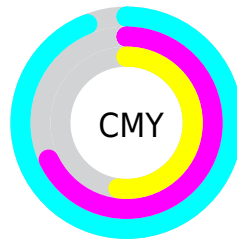
- Red (6%)
- Green (32%)
- Blue (48%)



- Red (6%)
- Yellow (22%)
- Blue (48%)



- Cyan (88%)
- Magenta (34%)
- Yellow (0%)
- Black (52%)



- Cyan (94%)
- Magenta (68%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.2332, -3.6474, -24.0797 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 27.2332, -3.6474, -24.0797 by changing the saturation by 10% instead.

■ 27.2332, -3.6474,
-24.0797

■ 27.2332, -3.6474,
-24.0797

■ 130.7986,
-10.7241, -27.8801

■ 19.2978, -2.9772,
-23.6031

■ 45.6144, -5.0523,
-25.2154

■ 12.3306, -2.3233,
-23.4616

■ 55.9222, -5.7907,
-25.7528

■ 5.5049, -2.9669,
-30.4391

■ 66.9072, -6.5536,
-26.2428

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 78.5299, -7.3406,
-26.6794

0.0000, NaN, NaN

■ 90.7572, -8.1516,
-27.0607

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.5605, -8.9861,

-27.3870

0.0000, NaN, NaN

116.9149, -9.8437,
-27.6596

27.2332, -3.6474,
-24.0797

27.2332, -3.6474,
-24.0797

25.7806, -2.1294,
-27.2472

28.7899, -4.8360,
-20.9356

25.4643, -1.7865,
-27.9715

30.4664, -5.6275,
-17.7928

32.2581, -6.0368,
-14.6706

34.1579, -6.0895,
-11.5851

36.1586, -5.8161,
-8.5478

■ 38.2526, -5.2484,
-5.5655

■ 40.4328, -4.4173,
-2.6414

■ 42.6925, -3.3515,
0.2240

■ 45.0255, -2.0770,
3.0324

Harmonies

Analogous

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



27.2336, -12.1106, -17.9792



27.2332, -3.6474, -24.0797



27.2336, 6.7263, -21.5730

Triad

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



27.2336, -3.6470, -24.0791



27.2336, 18.8095, 7.8656



27.2336, -15.3924, 10.3693

Complementary

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



27.2332, -3.6474, -24.0797



26.7822, 17.9032, 15.8151

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.



27.2336, -8.7709, 13.5884



27.2332, -3.6474, -24.0797



27.2336, 11.1429, 12.5557

Square

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



27.2336, -3.6470, -24.0791



27.2336, 20.7097, -0.7234



27.2336, 0.8095, 14.2089



27.2336, -18.2218, 3.5179

Rectangle

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



27.2332, -3.6474, -24.0797



27.2336, 13.2625, -15.6883



27.2336, 0.8095, 14.2089



27.2336, -13.5873, 11.7938

Sweetspot

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



27.2336, -3.6470, -24.0791



51.5207, -6.9120, -6.9911



38.1539, -29.3232, 17.1014



24.6103, -3.4826, -3.9360



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



27.2336, -3.6470, -24.0791



33.6570, -1.6976, -38.4036



15.3097, 21.9256, -62.7532



20.6470, -1.7036, -0.0662



25.8789, -1.7829, -28.4976



55.0054, -1.3662, -65.8026

Inverse Universe

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



22.6871, 37.5970, -5.7066



29.0272, 52.7589, -4.8780



39.3500, -5.9267, 23.4620



20.1304, 1.0522, 0.3081



22.0974, 40.2261, -4.1988



48.0848, 87.2171, -6.6827

Previews

White Background



This preview shows how the HunterLab color 27.2332, -3.6474, -24.0797 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 27.2332, -3.6474, -24.0797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

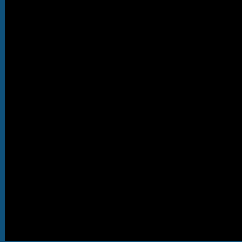
Any Text WCAG AA × Fail

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 27.2332, -3.6474, -24.0797 Background



This preview shows how black text looks on a background with the HunterLab color 27.2332, -3.6474, -24.0797.



This preview shows how white text looks on a background with the HunterLab color 27.2332, -3.6474, -24.0797.

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

27.2332, -3.6474, -24.0797

Protanopia

27.3880, 3.1748, -20.1720

Deuteranopia

27.2323, 1.8880, -24.7031



Tritanopia

27.2549, -13.2497, -5.4639

Trichromacy



Original Color

27.2332, -3.6474, -24.0797

Protanomaly

27.1344, -0.1422, -22.1093

Deuteranomaly

27.0136, -0.1904, -25.2103

Tritanomaly

27.1149, -10.0519, -11.5265

Monochromacy



Original Color

27.2332, -3.6474, -24.0797

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.0810, -3.9983, -7.4318

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.2332, -3.6474, -24.0797 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(15, 81, 123)` looks like.

```
.text, #text, p{  
    color:rgb(15, 81, 123)  
}
```

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(15, 81, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 81, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 27.2332, -3.6474, -24.0797 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(15, 81, 123) }
```


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

```
.border{ border-color:rgb(15, 81, 123) }
```

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

Here you see how a box with a 4 pixel rgb(15, 81, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 81, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 81, 123);  
box-shadow:4px 4px 4px 4px rgb(15, 81,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.2332, -3.6474, -24.0797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 81, 123) }
```

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

```
.background{ background-color: rgb(15, 81,  
123) }
```

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