

Converting Colors

HunterLab(25.5482, -2.5620,
-24.7090)

Have a look what the booklet for
HunterLab(25.5482, -2.5620,
-24.7090) contains.

HunterLab(25.6495, -2.6732, -24.5846)	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(25.6495, -2.6732,
-24.5846)**

Conversions

Conversions Part 1

Format	Color
Hex	0C4C77
RGB	12, 76, 119
RGB Percent	5%, 30%, 47%
CMY	0.9529, 0.7020, 0.5333
CMYK	0.90, 0.36, 0.00, 0.53
HSL	204°, 82%, 26%
HSV	204°, 90%, 47%
XYZ	6.0658, 6.5790, 18.4029
YIQ	61.7660, -51.9470, -0.1950

Conversions

Conversions Part 2

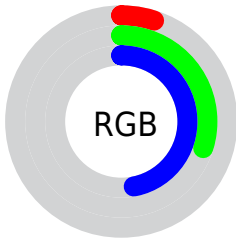
Format	Color
R_{YB}	12, 52, 119
Decimal	806007
CIE _{Lab}	30.83, -2.03, -29.84
CIE _{LCh}	31, 29.909, 266.099
Yxy	6.5792, 0.1954, 0.2119
Android (android.graphics.Color)	4278996087 (0xFF0C4C77)
YUV	61.7660, 28.2164, -43.6448
Hunter-Lab	25.6495, -2.6732, -24.5846

Details

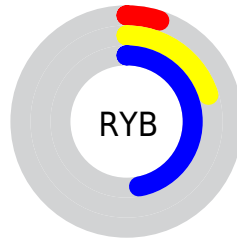
The HunterLab color $25.6495, -2.6732, -24.5846$ is a dark color, and the websafe version is hex 006699 . A complement of this color would be $25.8497, 17.1939, 15.4308$, and the grayscale version is $21.7869, -1.1625, 1.1837$.

A 20% lighter version of the original color is $43.8925, -3.9278, -25.7438$, and $12.3690, 2.1566, -20.1155$ is the 20% darker color. If you saturate the color by 10%, you get $24.2217, -1.1314, -27.8158$, and if you desaturate by 10%, it is $27.1621, -3.9584, -21.4287$.

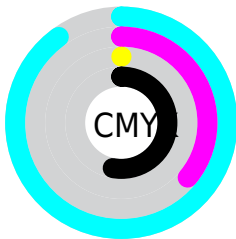
Distribution



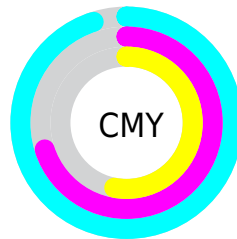
- Red (5%)
- Green (30%)
- Blue (47%)



- Red (5%)
- Yellow (20%)
- Blue (47%)



- Cyan (90%)
- Magenta (36%)
- Yellow (0%)
- Black (53%)



- Cyan (95%)
- Magenta (70%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.6495, -2.6732, -24.5846 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 25.6495, -2.6732, -24.5846 by changing the saturation by 10% instead.

■ 25.6495, -2.6732,
-24.5846

■ 25.6495, -2.6732,
-24.5846

■ 128.1092, -9.0843,
-28.5458

■ 17.8895, -2.1077,
-24.1571

■ 43.7281, -3.8966,
-25.7219

■ 11.1230, -1.5728,
-24.1826

■ 53.9015, -4.5543,
-26.2768

■ 3.0295, -3.0885,
-52.1834

■ 64.7605, -5.2412,
-26.7882

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 76.2643, -5.9565,
-27.2482

0.0000, NaN, NaN

■ 88.3786, -6.6993,
-27.6537

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.0739, -7.4688,

-28.0044

0.0000, NaN, NaN

114.3250, -8.2640,
-28.3013

25.6495, -2.6732,
-24.5846

25.6495, -2.6732,
-24.5846

24.2217, -1.1314,
-27.8158

27.1621, -3.9584,
-21.4287

24.2083, -1.1168,
-27.8475

28.7927, -4.8574,
-18.2823

30.5364, -5.3835,
-15.1648

32.3864, -5.5614,
-12.0922

34.3351, -5.4208,
-9.0756

■ 36.3750, -4.9931,
-6.1210

■ 38.4989, -4.3087,
-3.2309

■ 40.7001, -3.3959,
-0.4048

■ 42.9726, -2.2803,
2.3595

Harmonies

Analogous

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



25.6499, -11.2924, -19.0547



25.6495, -2.6732, -24.5846



25.6499, 7.7069, -21.2363

Triad

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



25.6499, -2.6728, -24.5840



25.6499, 18.4161, 8.2440



25.6499, -15.5322, 9.6854

Complementary

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



25.6495, -2.6732, -24.5846



25.8497, 17.1939, 15.4308

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.



25.6499, -9.3374, 13.0338



25.6495, -2.6732, -24.5846



25.6499, 10.3358, 12.4550

Square

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



25.6499, -2.6728, -24.5840



25.6499, 20.9233, 0.1125



25.6499, -0.0406, 13.8061



25.6499, -17.9571, 2.6168

Rectangle

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



25.6495, -2.6732, -24.5846



25.6499, 14.1096, -14.9221



25.6499, -0.0406, 13.8061



25.6499, -13.8732, 11.1593

Sweetspot

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



25.6499, -2.6728, -24.5840



49.2975, -6.5067, -7.3251



36.8049, -28.3561, 16.3989



23.6318, -3.2700, -4.0781



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



25.6499, -2.6728, -24.5840



31.9680, -0.7774, -38.2791



14.1830, 22.7819, -63.8213



19.7991, -1.6000, -0.0765



24.9144, -1.0874, -28.7935



53.4204, 0.2759, -67.3665

Inverse Universe

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



21.6957, 36.4412, -4.6791



27.9535, 50.7005, -3.8688



38.3894, -6.4155, 23.0052



19.3241, 0.9819, 0.3298



21.5653, 39.1745, -3.4543



47.4239, 85.8215, -5.0659

Previews

White Background



This preview shows how the HunterLab color 25.6495, -2.6732, -24.5846 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 25.6495, -2.6732, -24.5846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

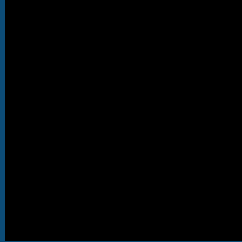
Any Text WCAG AA × Fail

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 25.6495, -2.6732, -24.5846 Background



This preview shows how black text looks on a background with the HunterLab color 25.6495, -2.6732, -24.5846.



This preview shows how white text looks on a background with the HunterLab color 25.6495, -2.6732,

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

25.6495, -2.6732, -24.5846

Protanopia

25.6613, 3.6360, -21.5992

Deuteranopia

25.7165, 1.6925, -25.0915



Tritanopia

25.6378, -12.4025, -5.2715

Trichromacy



Original Color

25.6495, -2.6732, -24.5846

Protanomaly

25.4503, 0.4197, -22.8030

Deuteranomaly

25.5831, -0.0878, -25.4186

Tritanomaly

25.5316, -9.0372, -11.8381

Monochromacy



Original Color

25.6495, -2.6732, -24.5846

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

22.7471, -3.6541, -7.3778

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.6495, -2.6732, -24.5846 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(12, 76, 119)` looks like.

```
.text, #text, p{  
    color:rgb(12, 76, 119)  
}
```

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(12, 76, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 76, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 25.6495, -2.6732, -24.5846 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(12, 76, 119) }
```


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

```
.border{ border-color:rgb(12, 76, 119) }
```

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

Here you see how a box with a 4 pixel rgb(12, 76, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 76, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 76, 119);  
box-shadow:4px 4px 4px 4px rgb(12, 76,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 25.6495, -2.6732, -24.5846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 76, 119) }
```

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

```
.background{ background-color: rgb(12, 76,  
119) }
```

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